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USER'S GUIDE

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CALIBRATED ANCILLARY SYSTEM (CAS)

VOLUME

- Introduction
- CAS Overview
- User Categories
- Introduction to Operation
- **General Operating Procedures**

PREPARED BY



Communications Corporation Space Information Systems Operation Ford Aerospace &

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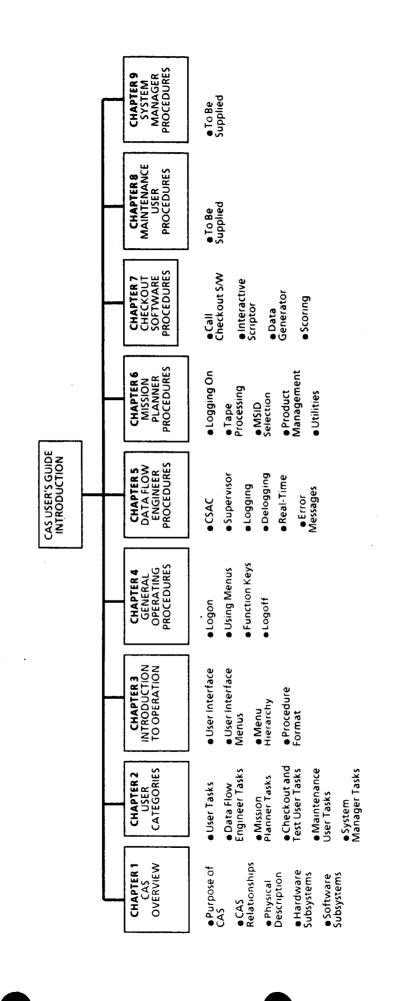
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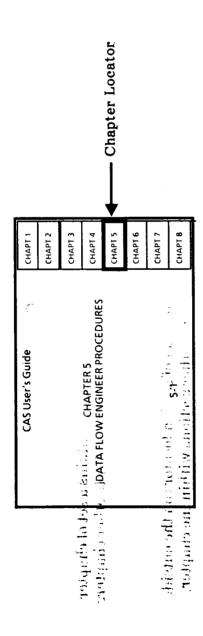
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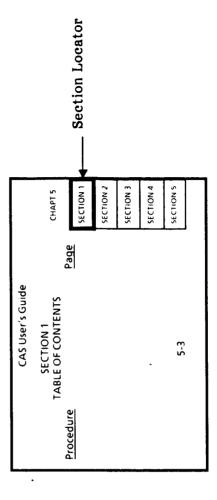
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Highlighting is used to point out areas of displays and items, such as keys on a keyboard, that are associated with descriptive text. Refer to chapter 3 for a description of other symbology used throughout this guide.

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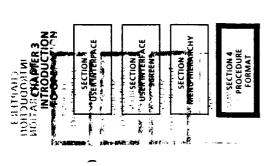


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SECTION 1 PURPOSE OF CALIBRATED ANCILLARY SYSTEM

The Calibrated Ancillary System (CAS) provides real-time calibrated parameters from the orbiter downlink (ancillary data) to the Goddard Space Flight Center (GSFC).

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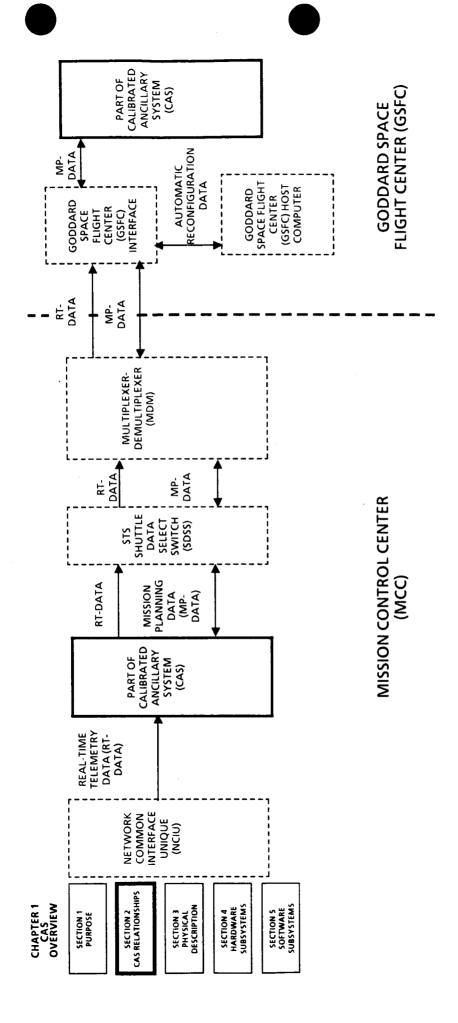


Figure 1-1. CAS External Interfaces

SECTION 2 CAS RELATIONSHIPS

The relation of the CAS to other equipment is shown in figure 1-1. The CAS resides at the MCC (MCC CAS) and the GSFC (GSFC CAS) The network common interface unique (NCIU) routes real-time telemetry data (RT-DATA) to the MCC

The MCC CAS reconfigures RT-DATA based on mission planning data (MP-DATA).

- Mission planning changes are made at the MCC CAS and the GSFC CAS.
- Mission planning changes (mission planning data) are transferred between the MCC CAS and the GSFC CAS via the SDSS, MDM, and GSFC interface.
- Data is transferred between the MDM and GSFC interface over the National Aeronautics and Space Administration (NASA) comunication network (NASCOM).

Reconfigured RT-DATA is calibrated and routed to the GSFC CAS via the SDSS, MDM, and GSFC interface.

The GSFC makes mission planning changes based on the RT-DATA received.

The GSFC host computer is automatically reconfigured (AUTOMATIC RECONFIGURATION DATA) after mission planning changes are made.

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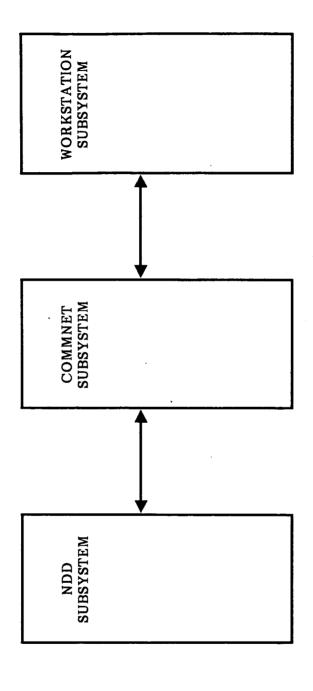


Figure 1-2. CAS Block Diagram

The CAS equipment is divided into three subsystems (figure 1-2):

- Network data drivers (NDD) subsystem.
- Communications network (COMMNET) subsystem.
- Workstation subsystem.

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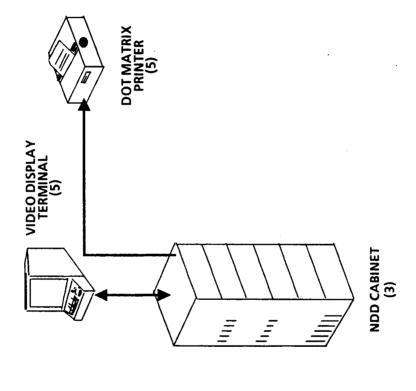


Figure 1-3. NDD Subsystem

NDD SUBSYSTEM

The NDD subsystem (figure 1-3) consists of:

- Three NDD cabinets.
- Five video display terminals.
- Five dot matrix printers.

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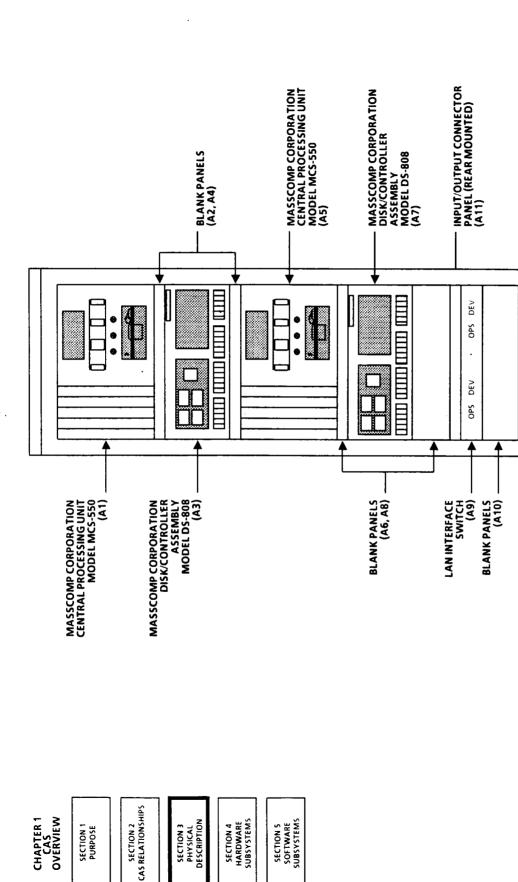


Figure 1-4. Network Data Driver Cabinet SISD-OA2745

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NDD SUBSYSTEM (Cont.)

The three NDD cabinets contain a total of five NDD. Each NDD consists of:

A central processing unit.

A disk/controller assembly.

Two of the NDD cabinets are Network Data Driver Cabinets SISD-OA2745 (figure 1-4). Each cabinet contains:

Two MASSCOMP Corporation Central Processing Units Model MCS-550.

Two MASSCOMP Corporation Disk/Controller Assemblies Model DS-808.

One LAN interface switch panel, containing two Black Box Corporation RS-232 interface switches (one for each NDD in the cabinet.) The LAN interface switches are functionally part of the COMMNET subsystem.

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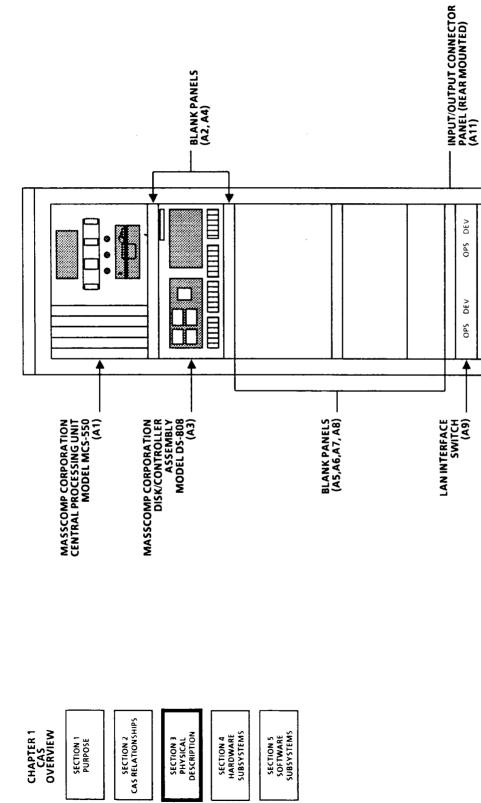


Figure 1-5. Network Data Driver Cabinet SISD-0A2746

BLANK PANEL (A10)

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NDD SUBSYSTEM (Cont.)

The third NDD cabinet is Network Data Driver Cabinet SISD-OA2746 (figure 1-5), consisting

One MASSCOMP Corporation Central Processing Unit Model MCS-550.

One MASSCOMP Corporation Disk/Controller Assembly Model DS-808.

One LAN interface switch panel, containing two Black Box Corporation RS-232 interface switches. Only one LAN interface switch is used for the NDD in the cabinet. The LAN interface switches are functionally part of the COMMNET subsystem.

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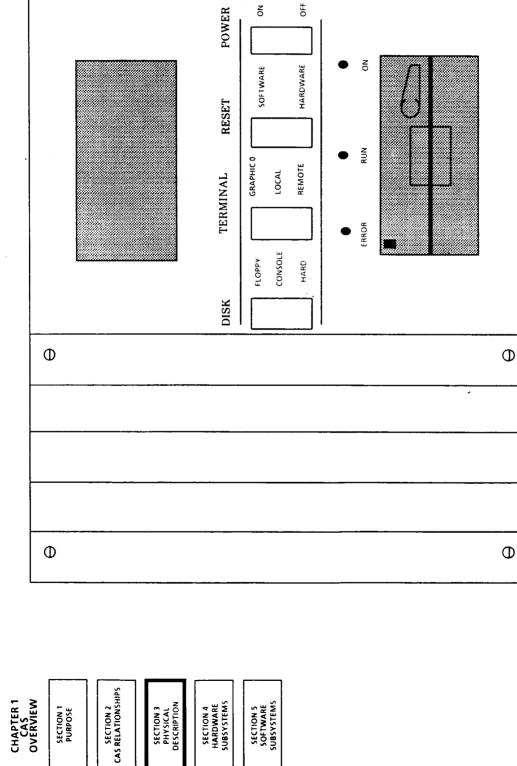
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Figure 1-6. MASSCOMP Central Processing Unit

NDD SUBSYSTEM (Cont.)

MASSCOMP central processing unit (CPU).

- Control panel (figure 1-6) contains controls and indicators for operating CPU.

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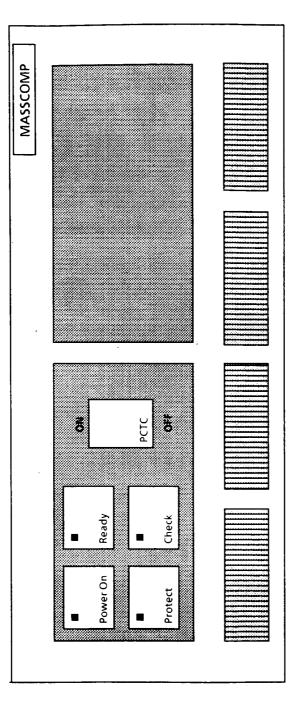


Figure 1-7. MASSCOMP Disk/Controller Assembly (NDD)

NDD SUBSYSTEM (Cont.)

MASSCOMP disk/controller assembly.

Control panel (figure 1-7) contains controls and indicators for operating disk/controller assembly.

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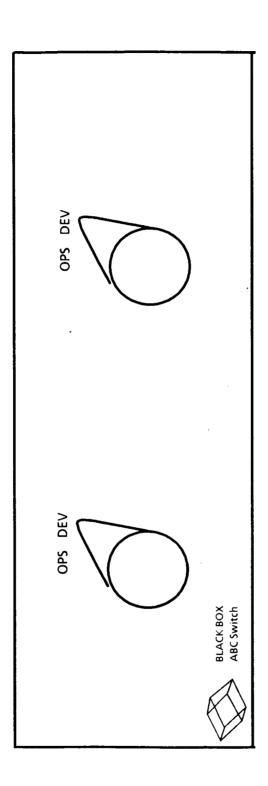


Figure 1-8. LAN Interface Switch

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• The LAN I/F switch (figure 1-8) contains two Black Box Corporation RS-232 interface

switches.

NDD SUBSYSTEM (Cont.)

- Each switch provides selection between two LAN fiber-optic ethernets.

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Figure 1-9. Televideo Video Display Terminal Model 950

NDD SUBSYSTEM (Cont.)

The five video display terminals (VDT) (figure 1-9) are Televideo Video Display Terminals Model 950.

- Each VDT provides operator control and monitoring of the associated NDD.

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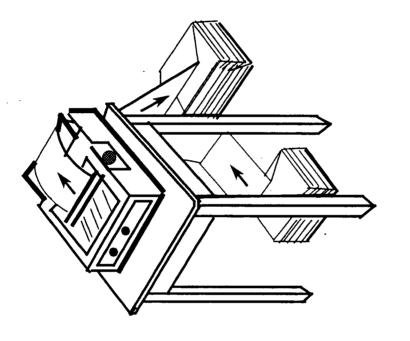


Figure 1-10. MASSCOMP Dot Matrix Printer

NDD SUBSYSTEM (Cont.)

• The five printers (figure 1-10) are MASSCOMP dot matrix printers.

- Each printer provides the operator with hardcopy-monitoring of the associated NDD.

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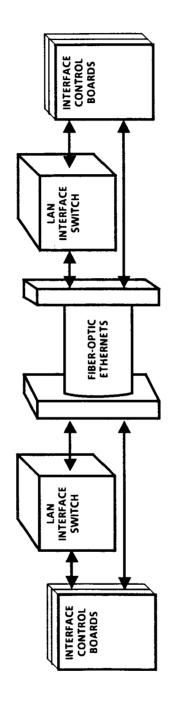


Figure 1-11. COMMNET Subsystem

COMMNET SUBSYSTEM

COMMNET subsystem (figure 1-11) consists of:

- Three local area networks (LAN).
- 14 interface (I/F) control boards (10 located in NDD workstations and 4 located in MCC workstations).
- Seven LAN I/F switches (located in NDD cabinets).
- Three fiber-optic ethernets.

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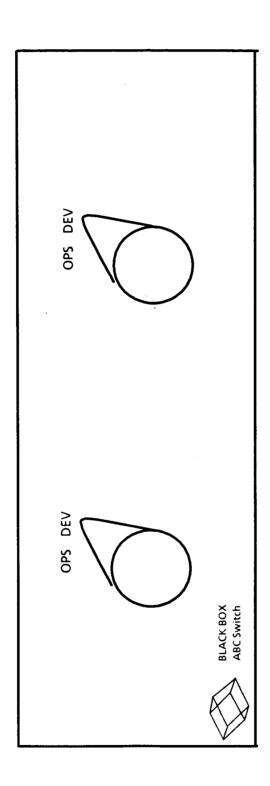


Figure 1-12. LAN Interface Switch

COMMNET SUBSYSTEM (Cont.)

- The LAN I/F switch (figure 1-12) contains two Black Box Corporation RS-232 interface switches.
- Each switch provides selection between two LAN fiber-optic ethernets.

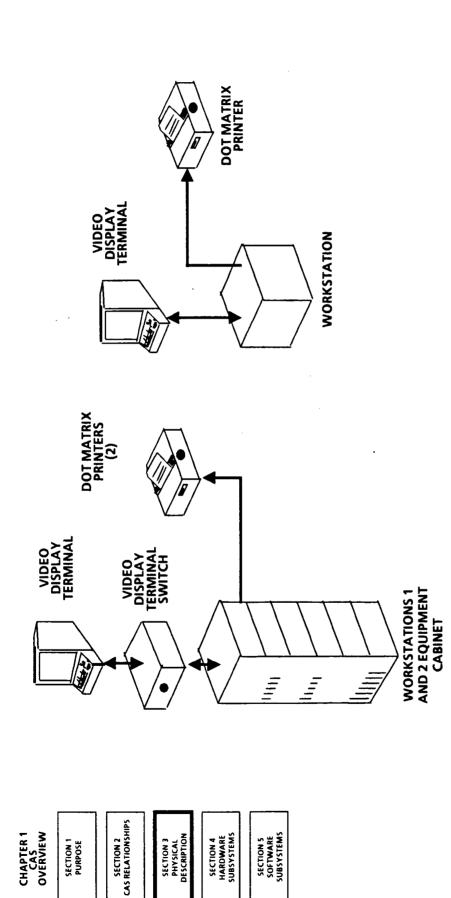
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MCC WORKSTATIONS

GSFC WORKSTATION

Figure 1-13. Workstation Subsystem

WORKSTATION SUBSYSTEM

The workstation subsystem (figure 1-13) consists of:

- MCC workstations.
- Workstations one and two equipment cabinet.
- VDT.
- VDT switch.
- Dot matrix printers.
- GSFC workstation.
- Workstation.
- VDT.
- Dot matrix printer. 1

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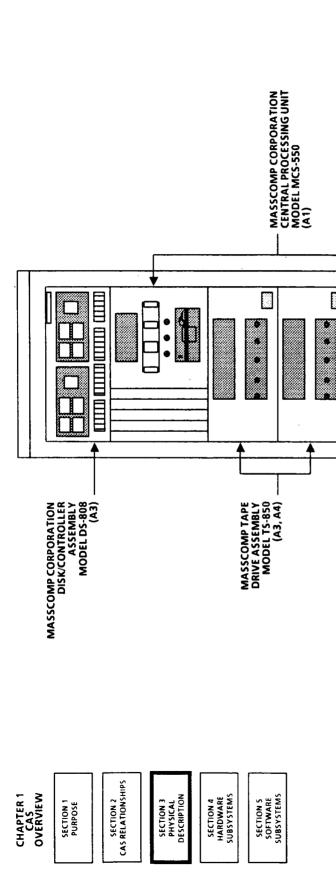


Figure 1-14. Workstations 1 and 2 Equipment Cabinet

- MASSCOMP CORPORATION DISK/CONTROLLER ASSEMBLY MODEL DS-808 (A3)

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WORKSTATION SUBSYSTEM (Cont.)

MCC workstations:

- The workstations one and two equipment cabinet (figure 1-14) contains two workstations.
- Each workstation consists of:
- A MASSCOMP Disk/Controller Assembly Model DS-808.
- A MASSCOMP Central Processing Unit Model MCS-533.
- A MASSCOMP Tape Drive Assembly Model TS-850.

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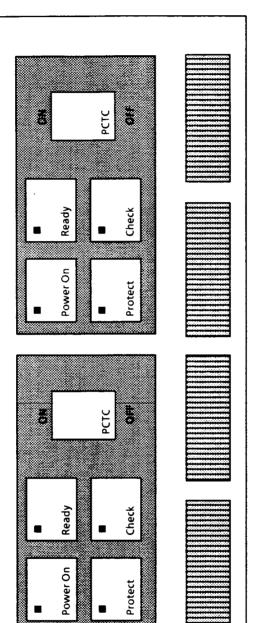


Figure 1-15. MASSCOMP Disk/Controller Assembly (Workstation)

WORKSTATION SUBSYSTEM (Cont.)

MCC workstations (Cont.)

- MASSCOMP disk/controller assembly.
- Control panel (figure 1-15) contains controls and indicators for operating disk/controller assembly.

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Figure 1-16. MASSCOMP Central Processing Unit

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WORKSTATION SUBSYSTEM (Cont.)

MCC Workstation (Cont.)

• MASSCOMP central processing unit (CPU).

- Control panel (figure 1-16) contains controls and indicators for operating CPU.

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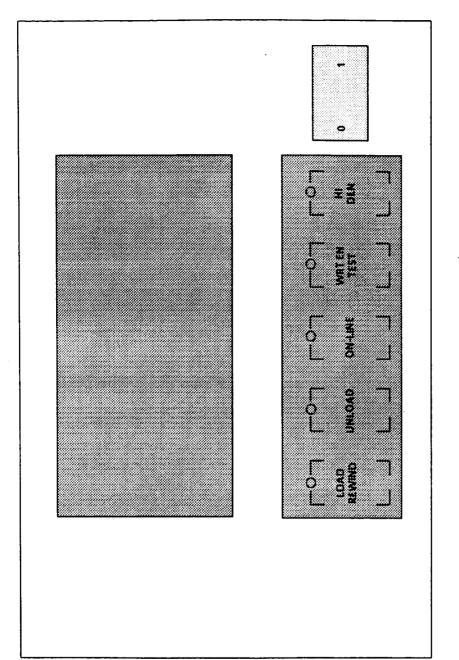


Figure 1-17. MASSCOMP Tape Drive

WORKSTATION SUBSYSTEM (Cont.)

MCC Workstation (Cont.)

- MASSCOMP tape drive.
- Control panel (figure 1-17) contains controls and indicators for operating the tape drive.

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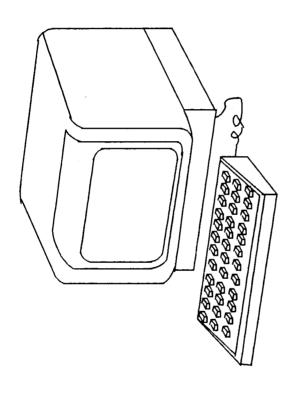


Figure 1-18. Televideo Video Display Terminal Model 950

WORKSTATION SUBSYSTEM (Cont.)

The video display terminal (VDT) (figure 1-18) is a Televideo Video Display Terminal Model 950.

- The VDT provides operator control and monitoring of the selected workstation.

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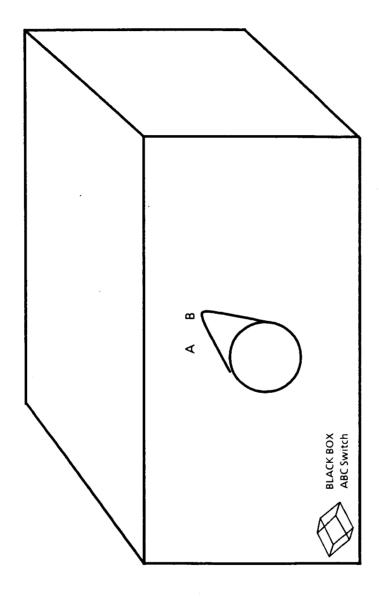


Figure 1-19. VDT Switch

WORKSTATION SUBSYSTEM (Cont.)

MCC Workstations (Cont.)

- The VDT switch (figure 1-19) contains a Black Box Corporation RS-232 interface switch.
- Provides the capability to switch the VDT between workstations one and two.

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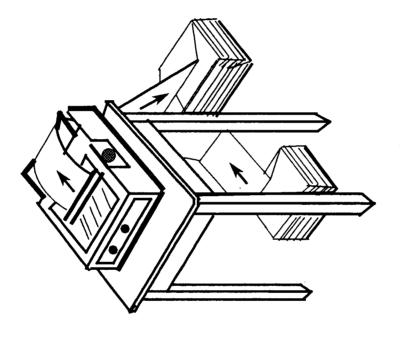


Figure 1-20. MASSCOMP Dot Matrix Printer

WORKSTATION SUBSYSTEM (Cont.)

MCC Workstations (Cont.)

• Two MASSCOMP dot matrix printers (figure 1-20).

Provide operator hardcopy-monitoring of the associated workstation.

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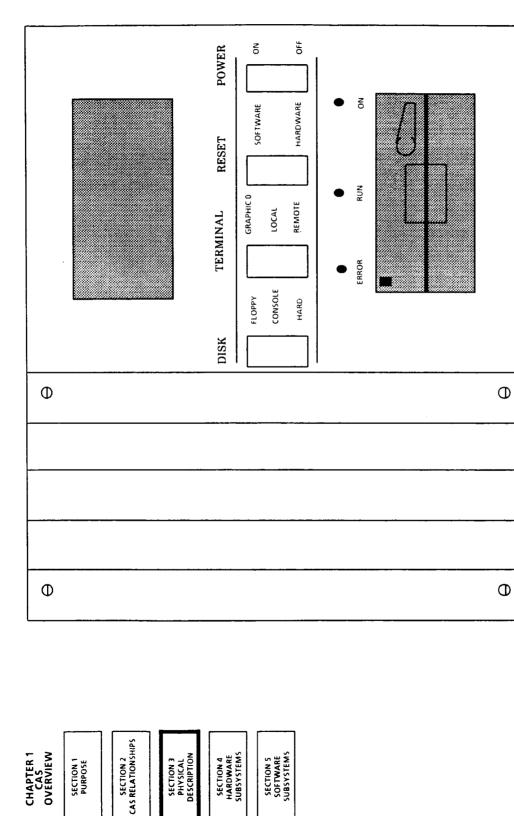


Figure 1-21. MASSCOMP Central Processing Unit

WORKSTATION SUBSYSTEM (Cont.)

GSFC Workstation

- The workstation consists of a MASSCOMP CPU.
- Control panel (figure 1-21) contains controls and indicators for operating the workstation.

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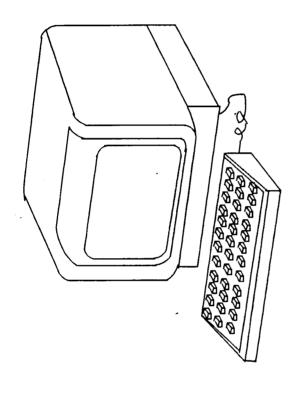


Figure 1-22. Televideo Video Display Terminal Model 950

WORKSTATION SUBSYSTEM (Cont.)

GSFC Workstation (cont.)

• The VDT (figure 1-22) is a Televideo Video Display Terminal Model 950.

- Provides operator control and monitoring of workstation.

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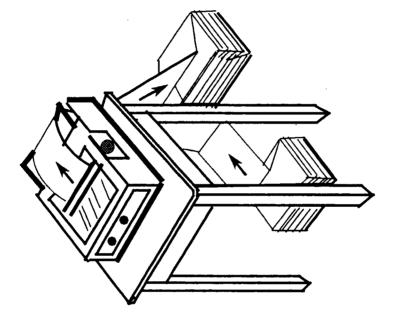


Figure 1-23. MASSCOMP Dot Matrix Printer

WORKSTATION SUBSYSTEM (Cont.)

GSFC Workstation (Cont.)

• MASSCOMP dot matrix printer (figure 1-23).

- Provides operator hardcopy-monitoring of workstation.

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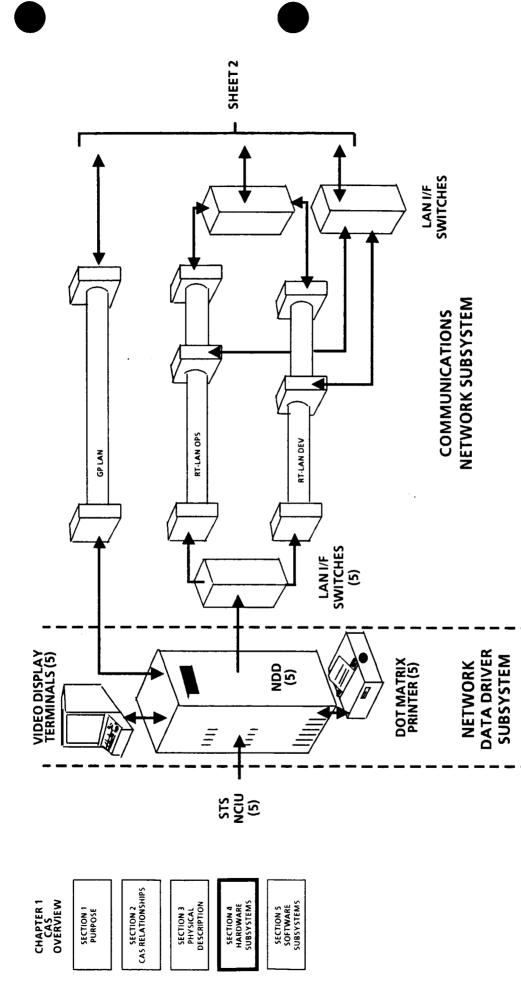


Figure 1-24. CAS Hardware Subsystems (Sheet 1 of 3)

Hardware subsystems functionally divided into the same three subsystems (figure 1-23) as explained for the equipment.

- NDD subsystem.
- COMMNET subsystem.
- Workstation subsystem.
- The NDD subsystem (figure 1-24, sheet 1) transmits telemetry data from the STS NCIU to the COMMNET subsystem.
- The COMMNET subsystem distributes the data over three local area networks (LAN) to the workstation subsystem.
- The real-time (RT)-LAN operational (OPS) distributes telemetry data to the workstation subsystem.
- The RT-LAN developmental (DEV) is used for program development. ŧ
- The general purpose (GP)-LAN distributes software and flight support data signals to provide centralized control of all CAS elements.

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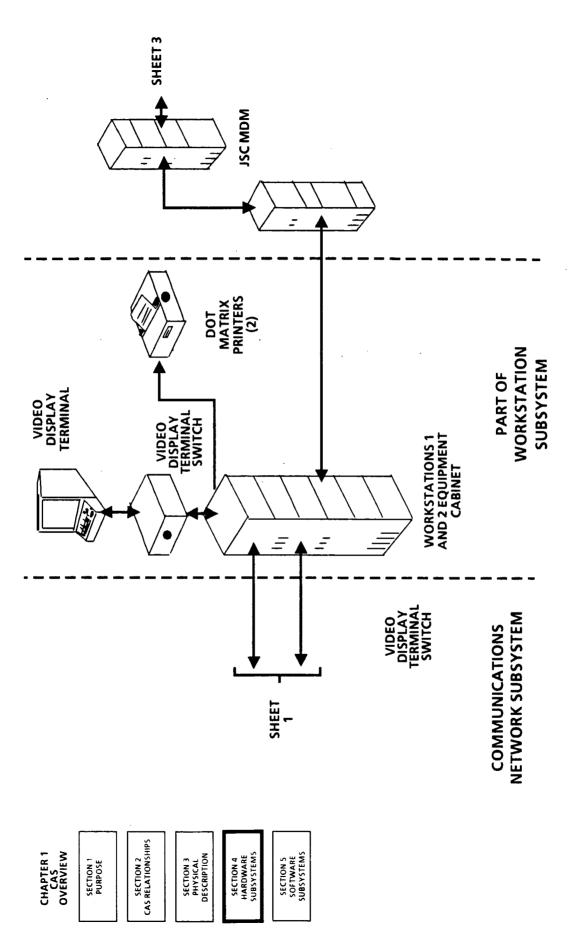


Figure 1-24. CAS Hardware Subsystem's (Sheet 2 of 3)

HARDWARE SUBSYSTEMS(Cont.)

- The MCC workstation (figure 1-24, sheet 2) provides the processing capabilities necessary to supply calibrated ancillary data to GSFC.
- The VDT provides the operator interface to the MCC workstation for the performance of central status and control processing and mission planning editions, when required.
- Workstations decomutate, calibrate, and distribute telemetry data to the shuttle transportation system data select switch (SDSS) and multiplexer/demultiplexer (MDM).
- The MDM distributes the data to the GSFC in the NASCOM 4800- bit block format.

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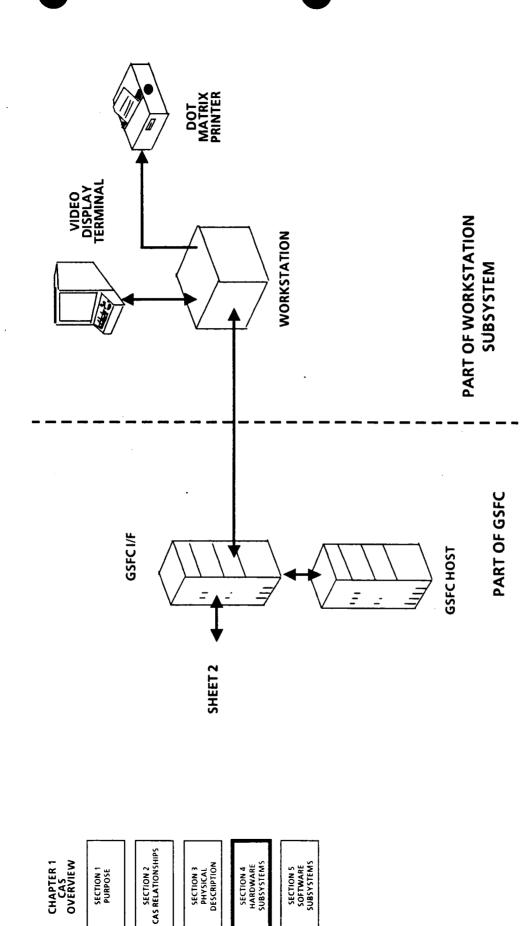


Figure 1-24. CAS Hardware Subsystems (Sheet 3 of 3)

HARDWARE SUBSYSTEMS(Cont.)

- The workstation (figure 1-24, sheet 3) provides the GSFC with the capability to distribute mission planning data to the MCC workstation.
- The workstation also provides GSFC with a development environment, capable of supporting time-sharing users, for the establishment of an electronic link between the CAS and the GSFC host processor.

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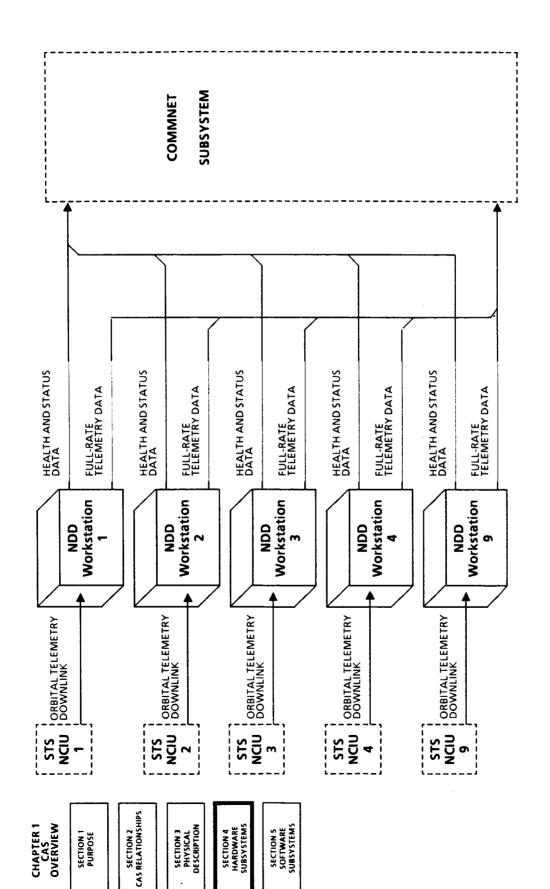


Figure 1-25. NDD Subsystem, Functional Block Diagram

NDD SUBSYSTEM (figure 1-25)

• Receives 128-kbs, frame-synchronized orbital telemetry downlink data from the STS NCIU.

• Validates orbiter telemetry downlink data.

Converts orbiter telemetry downlink data to full-rate telemetry data.

Distributes full-rate telemetry data to the workstation subsystem via the COMMNET subsystem. Provides NDD subsystem health and status information to the workstation subsystem via the COMMNET subsystem.

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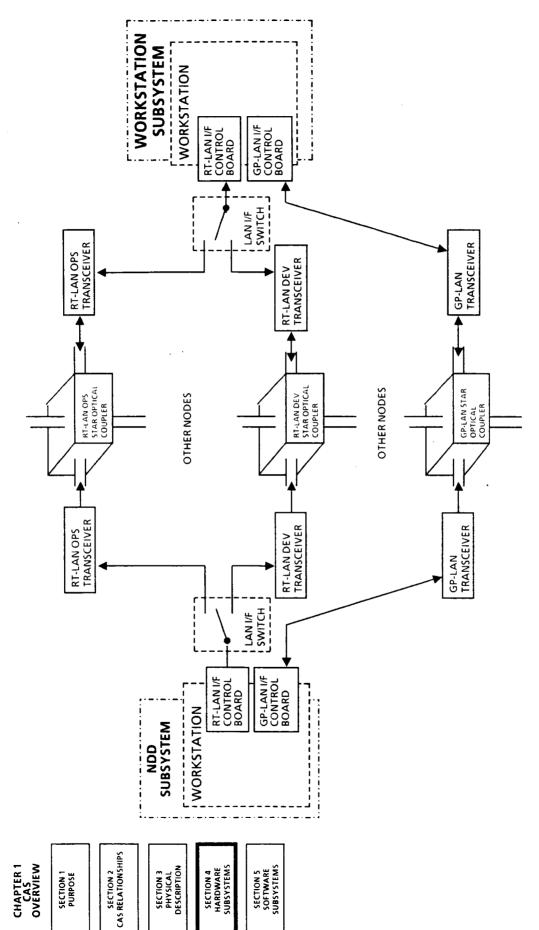


Figure 1-26. COMMNET Subsystem, Functional Block Diagram

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COMMNET SUBSYSTEM (figure 1-26)

Provides communications interface between the CAS subsystems.

Provides a means of electronic file transfer between all workstations and the NDD.

The RT-LAN OPS distributes full-rate telemetry data to the workstation subsystem.

The RT-LAN DEV provides a development and test environment for the workstation subsystem. The general purpose LAN (GP-LAN) receives and distributes health and status information from all workstations. The LAN interface switches provide manual selection between the operational real-time LAN (RT-LAN OPS) or the development real-time LAN (RT-LAN DEV).

LAN interface switch for each NDD.

LAN interface switch for MCC workstation.

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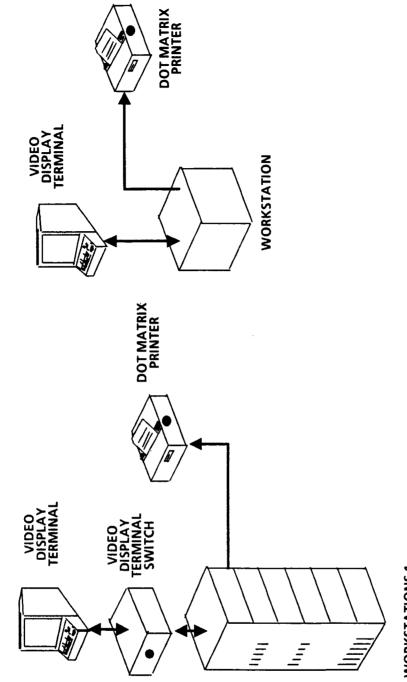
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WORKSTATIONS 1 AND 2 EQUIPMENT CABINET

GSFC WORKSTATION

Figure 1-27. Workstation Subsystem **MCC WORKSTATIONS (2)**

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WORKSTATION SUBSYSTEM (figure 1-27)

Contains software for providing calibrated ancillary data to the GSFC.

Receives full-rate telemetry data from the NDD subsystem via the COMMNET subsystem.

Processes the full-rate telemetry data into calibrated ancillary data.

Distributes calibrated ancillary data between the GSFC and the MCC via the NASA communications network (NAŠCOM).

Handles mission planning and development changes.

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CHAPTER 1 CAS OVERVIEW

SOFTWARE OPERATIONS

Software operations involved in generating calibrated ancillary data are divided into four subsystems:

- Real-time processing subsystem.
- Central status and control (CSAC) subsystem.
- Mission planning subsystem.
- Checkout and test subsystem.

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SECTION 5 SOFTWARE SUBSYSTEMS

REAL-TIME PROCESSING SUBSYSTEM

- Performs parameter decommutation of full-rate telemetry data into data cycle packets for distribution to the RT-LAN.
- Performs parameter calibration.
- Performs NASCOM blocking of calibrated parameters.
- Routes real-time calibrated ancillary data from the workstation subsystem to the SDSS.

SECTION 5 SOFTWARE SUBSYSTEMS

CSAC SUBSYSTEM

- Provides a central point of control of all CAS subsystems.
- Provides central point for ascertaining health and status of the CAS.
- Works concurrently with up to two real-time processes.

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SECTION 5 SOFTWARE SUBSYSTEMS

SECTION 5 SOFTWARE SUBSYSTEMS

MISSION PLANNING SUBSYSTEM

- Provides a timely mission-to-mission planning process for the GSFC.
- Provides user capability to interactively select specific parameters of interest to mission.
- Performs interactive validation of syntax and form of selected parameters.
- Displays NASCOM blocking structure resulting from selection process.
- Shuttle data tape (SDT) is the source for all reconfiguration information used to build the mission planning data bases used by the workstations.
- Parameter validation.
- Parameter decommutation information.
- Parameter calibration information.
- Parameter description.
- Provides timely reconfiguration processing for both the NDD and workstation subsystems.
- The GSFC workstation is the primary source of mission planning operations for the CAS.
- The MCC operational workstations are secondary source of mission planning operations for the CAS.

SECTION 5 SOFTWARE SUBSYSTEMS

CHECKOUT AND TEST SUBSYSTEM

- Provides the capability for generating test data for application software and hardware elements.
- Provides the capability for scoring test output data.
- Provides other checkout tools.
- Provides a checkout and test environment for testing and development concurrent with operations.

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CHAPTER 2 USER CATEGORIES

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CAS User Levels

ACCOUNT RANGE	LEVEL NAME
001-049	Reserved For System Use
660-050	Non-CAS Users
100-199	Non-priviledged CAS Users
200-219	Mission Planning Users
220-239	Mission Planning Testers
240-259	Mission Planning Developers
260-279	Mission Planning Maintainers
280-299	Mission Planning Expansion
300-399	Priviledged CAS Users
400-499	CAS Superusers
966-005	Reserved For future Use

USER LEVELS SECTION 1

user level. Each user level has a specific range of numbers (accounts) assigned. Users with accounts in range have the lowest access rights. Users assigned accounts in the 400-499 range currently have the Not all users have access to all functions within the CAS. Access to the CAS functions is assigned by a specific range have access rights of the associated user level. Users with accounts in the 001-049 highest access rights.

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OSEN I

CAS users tasks are divided into five catagories:

Data flow engineer (DFE) tasks.

Mission planner tasks.

Checkout and test user tasks.

Maintenance user tasks.

System manager tasks.

SECTION 3

DFE TASKS

DFE tasks include:

Initializing system.

Configuring each CAS element.

Monitoring status of entire CAS and each element.

Coordinating use of CAS resources.

Controlling real-time operation of each CAS element.

Diagnosing data flow problems.

Maintenance user tasks.

System manager tasks.

Generate initial data base for mission planners.

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SECTION 4 MISSION PLANNER TASKS

Mission planner tasks include:

Selecting measurement stimulus identification (MSID) for any related mission.

Selecting parameters for calibration.

Selecting parameters for decommutation.

Selecting parameters for output.

Reviewing support files.

Communicating with MCC operators.

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CHECKOUT AND TEST USER TASKS SECTION 5

Checkout and test user tasks include:

Checking out hardware and software for:

-Network common interface unique (NCIU) driver in the NDD.

-NDD output (data cycle packets) software.

-Workstation output (NASCOM blocks) software.

-Hardware (data patterns over NCIU).

-Tool scriptor (generates test scenarios for other test programs).

-Data generator (emulates real-time input of health and status messages, orbiter downlink [OD] frames, and NASCOM blocks).

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SECTION 6 MAINTENANCE USER TASKS

Maintenance user tasks include:

Bringing down CAS for maintenance.

• Bringing up CAS after maintenance.

Maintaining files within directories.

Assuring proper switch settings on equipment before power up.

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SYSTEM MANAGER TASKS SECTION 7

USER CATEGORIES CHAPTER 2

SECTION 1 USER LEVELS

SECTION 2 USER TASKS

deals with that portion of UNIX operating system (OS) generic to most

UNIX-based systems.

There are two types of system managers:

UNIX system manager -

CAS system manager -

system (CAS OS).

deals with that portion of UNIX OS configured as the CAS operational

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SYSTEM MANAGER
TASKS

Working with CAS system manager to determine possible impact of new releases and updates of

UNIX OS to CAS OS

UNIX system manager tasks include:

Installation of new releases and updates to UNIX OS.

Installation of backup UNIX OS as required.

• With assistance from CAS system manager, producing CAS operational UNIX environment for each new UNIX OS release.

Assisting CAS system manager with any OS problems.

Supply and distribution of software vendor documentation.

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SYSTEM MANAGER TASKS (Cont.)

CAS system manager tasks include:

• Building and installation of new versions of CAS OS.

• Reinstallation of CAS software baseline.

Assisting UNIX system manager with any OS problems.

Maintenance of parameter files.

Maintenance of personality files.

Assigning user access.

Maintenance of directories.

• Being knowledgeable of those procedures required to bring CAS up or down.

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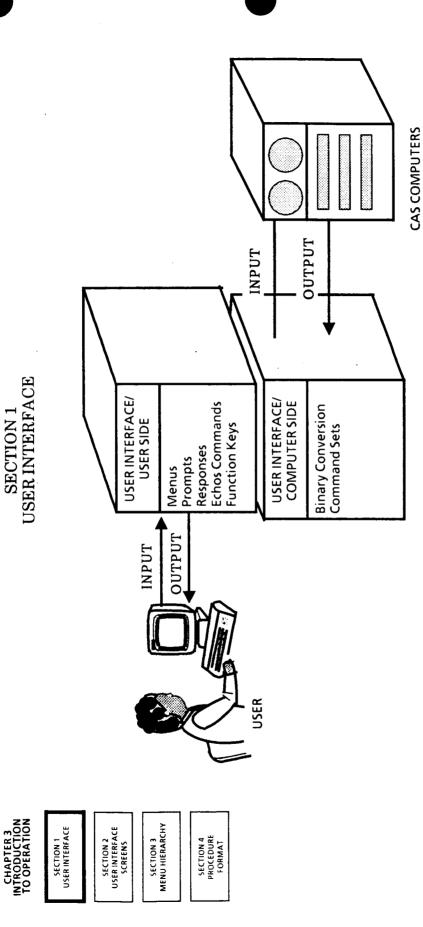


Figure 3-1. User Interface

USER INTERFACE SECTION 1

The user interface (figure 3-1) is a software link between users and the CAS computers. The user interface provides users a way to enter information into the CAS and for the CAS to distribute information to the users.

User input to the CAS computers is accomplished in the following ways:

- Selecting a menu item.
- Responding to prompts.
- Directly entering a command.
- Using function keys.

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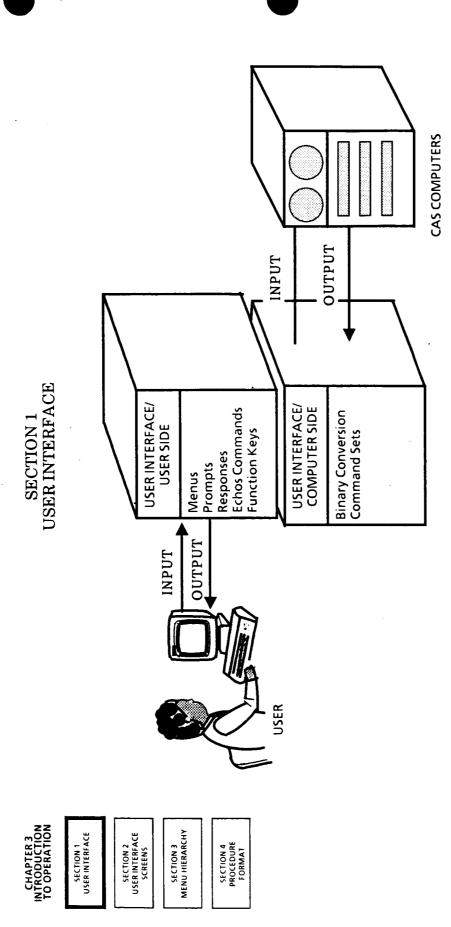


Figure 3-1. User Interface

USER INTERFACE SECTION 1

USER INPUT

SECTION 2 USER INTERFACE SCREENS

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User input (figure 3-1) to the CAS consists of:

- Selecting menu items:
- Menus list commands, report choices, and other menus available. Items from the menu are selected by entering appropriate letter or number.
- Responding to prompts:
- If command arguments are unknown, system prompts user through command sequence.
- Incorrect entries generate prompts for correct command or arguments.
- Directly entering a command:
- All commands can be entered without going through menus or prompting. Direct command entry allows quicker operation for users familiar with the system.
- Using function keys:
- Five commands are programmed into keys on keyboard. Pressing function keys executes commands. These commands can also be entered directly.

3-7

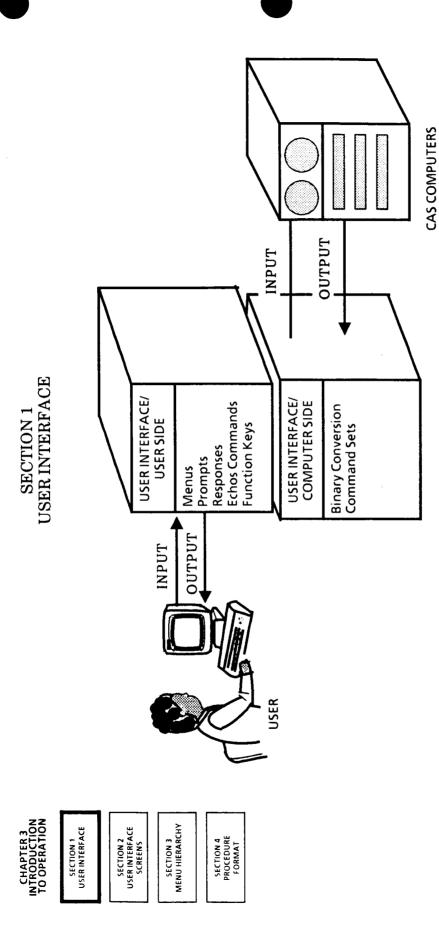


Figure 3-1. User Interface

SECTION 1 USER INTERFACE

CASOUTPUT

CAS output to user (figure 3-1) is accomplished in the following ways:

- Prompts:
- System generates prompts for commands and command arguments.
- Responses.
- Verification.
- Echo of all completed commands:
- Completed commands are echoed on display.
- Function keys highlighted:
- Advisory and report function keys are highlighted when information is in queue and waiting for user to view.

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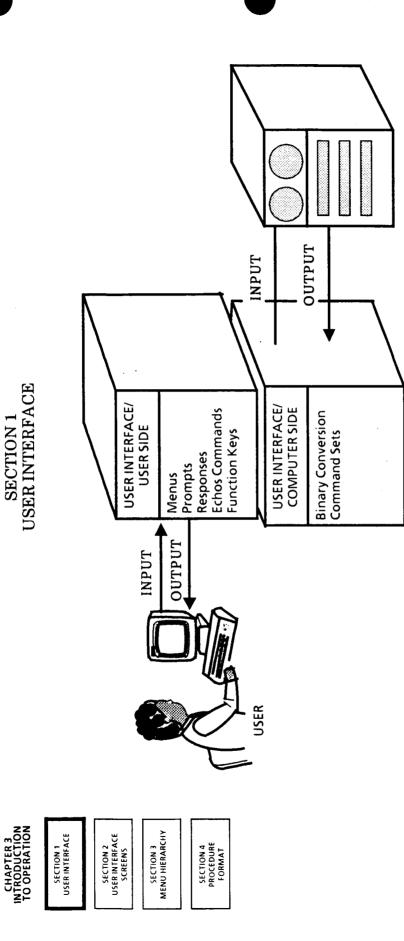


Figure 3-1. User Interface

CAS COMPUTERS

SECTION 1 USER INTERFACE

ADVISORY PROCESSING

health and status area in software where the message is logged and then the advisory portion is sent to All advisories are time-tagged notices of equipment condition and posture. The advisories are sent to the user interface.

The user interface (figure 3-1):

- Keeps an internal list of advisories placing the most important ones at the top. Advisories not necessarily in chronological order.
- If advisory line on display is clear, writes advisory on advisory line.
- If advisory line contains an advisory, places new advisory in a queue and highlights advisory function key on screen.
- Sends each advisory to history area in software.

The user:

- Must acknowledge each advisory. To acknowledge advisories, user presses advisory function key until highlighting is extinguished.
- Can view 17 prior advisories or commands by using the history function key.
- Can view all previous advisories by using logger function.

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USER INTERFACE SECTION 1

REPORT PROCESSING

Reports are:

- Text files.
- Variable size (some have multiple screens).

The user interface:

- Keeps internal list of reports.
- Places report in a queue and highlights report function key. Up to 10 different reports are queued.
- Notifies user that report queue is full.

The user:

- Must acknowledge reports in a full queue or additional reports will have to be viewed manually.
- To view a report, the user presses the report function key until highlighting is extinguished.

SECTION 1 USER INTERFACE

REPORT PROCESSING (Cont.)

The display:

Header area:

Tells user where report resides in the CAS.

Shows complete path and file name.

Information line displays line number of report.

Active area:

- Displays any 17 lines of the report.

Control area:

- Report light illuminates when a report is in queue.

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SECTION 2 USER INTERFACE SCREENS

User interface screens:

- Provides user command, report, and menu choices.
- Displays CAS information to user.
- Provides user with command entry location.

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SECTION 2 USER INTERFACE SCREENS

Enter the number or letter of your selection:

1 Real time support

Health and status

Logging functions

4 Delogging functions

5 Mission planning

6 Checkout Software

7 Utilities

ADVS:

CNTL:

("

F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST

Figure 3-2. Typical Screen

SECTION 2 USER INTERFACE SCREENS

A typical screen is pictured in figure 3-2. The screen is divided into three areas:

- 1 Header area
- 2 Active area
- 3 Control area

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GMT XXX:XX:XX FS# #151 Enter the number or letter of your selections F3 = RPRT F4 = ADVS 4 = Delogging function 6 = Checkout Software 3 = Logging function: 1 = Real time support 2 = Health and status 5 = Mission planning 7 = Utilities Display is Workstation Master Menuws1 Menu name is 'master' F2 = T0P F1 = REFR

ORIGINAL PAGE IS OF POOR QUALITY,

Figure 3-3. Header Area

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SECTION 2 USER INTERFACE SCREENS

HEADER AREA

Header area (figure 3-3) contains:

Display title. - Indicates contents of active area.

Greenwich Mean Time (GMT).
- XXX: XX: XX: XX

Second. Day Hour Minute

• Computer Identifier.

- CAS workstation 1 (ws1).

- CAS workstation 2 (ws2).

- NDD workstation xxx (ndd1 - ndd4, ndd9).

Additional display information:

- Menu name.

- Report orientation.

-Command status.

- Separator line. Separates header, active, and control areas.

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SECTION 2 USER INTERFACE SCREENS GMT XXXXXXXX Sisplay is Workstation Master Menu wiff Menu name is master

Enter the number or letter of your selection:

Real time support

Health and status

Logging function

Delogging function 4

Checkout Software Mission planning 9

Ŋ

Utilities

ADVS

Figure 3-4. Active Area

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SECTION 2 USER INTERFACE SCREENS

ACTIVE AREA

Active area (figure 3-4) contents vary with the display. The active area can contain:

- Other menus to select (figure 3-4).
- Command choices (figure 3-5).
- Reports (figure 3-6).
- Online histories.
- Advisories.
- Commands.

Active area (figure 3-4) shows master menu, listing other menus for selection.

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SECTION 2 USER INTERFACE SCREENS

GMT XXX:XX:XX Data Cycle Packets from the Data Generator F5 = HIST NASCOM Blocks from Data Generator 4 Central Status and Control Messages 1 All Data types Contained in Log File Select the number or letter of your selection: F3 = RPRT F4 = ADVS 3 Health and Status Messages 2 User Interface Messages BACK to previous menu Data Cycle Packets NASCOM Blocks Display is Select Data Type By Which To Delog 9 Utility F2 = TOPMenu name is 'dlogreq' F1 = REFR ADVS: ws1 CNTL:

Figure 3-5. Data Type Delogging Menu

SECTION 2 USER INTERFACE SCREENS

ACTIVE AREA (Cont.)

Active area (figure 3-5) shows data type delogging menu, listing options for selection.

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USER INTERFACE SECTION 2 SCREENS

No. of Active Processes: 5 FIt 2 Data Quality: OK Last Status RCVD: 063:20:47:37 GMT XXX:XX:XX 15-Min. 0.00 Per.Cent Full: 0.00 Number of Active Applications: 1 F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST CAS ws1 OVERALL SUMMARY REPORT 10-Min. 0.00 Free: 0 Display is report '/cas/reports/OVERALL_REPORT' Overall Health: GOOD FIt 1 Data Quality: OK Startup Time: 063:20:41:51 System: Load Averages 5-Min. 0.00 Disk Summary Total: 0 Top line on screen is line 1 G005 Overall Health: support ADVS: CNTL:

Figure 3-6. Report Display

SECTION 2 USER INTERFACE SCREENS

ACTIVE AREA (Cont.)

Active area (figure 3-6) shows a typical report display.

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SCREENS

SECTION 1 USER INTERFACE

SECTION 2 USER INTERFACE SCREENS

play is Workstation Master Menu 1 Wenu name is 'master

GMT XXX XX XX XX

SECTION 3
MENU HIERARCHY

Enter the number or letter of your selection:

i = Real time support 2 = Health and status 3 = Logging functions

a = Delogging functions

6 = Checkout Software

7 = Utilities

5 = Mission planning

SECTION 4
PROCEDURE
FORMAT

ORIGINAL PAGE IS EX POOR QUALITY

> F3=RPRT F4=ADVS F5=HIST F1 = REFR F2 = TOP

ADVS:

CNTL:

Figure 3-7. Control Area

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SECTION 2 USER INTERFACE SCREENS

CONTROL AREA

Control area (figure 3-7) contains:

- Separator line.
- Advisory line (ADVS).
- All advisories appear on this line.
- Prompt/Response (P/R) line.
- System prompts and responses to user input appear on this line.
- Control line (CNTL).
- · All user input appears on this line as entry is accepted.
- Completed commands are echoed on this line.
- Status line.
- Function key definitions.
- Function key lights.

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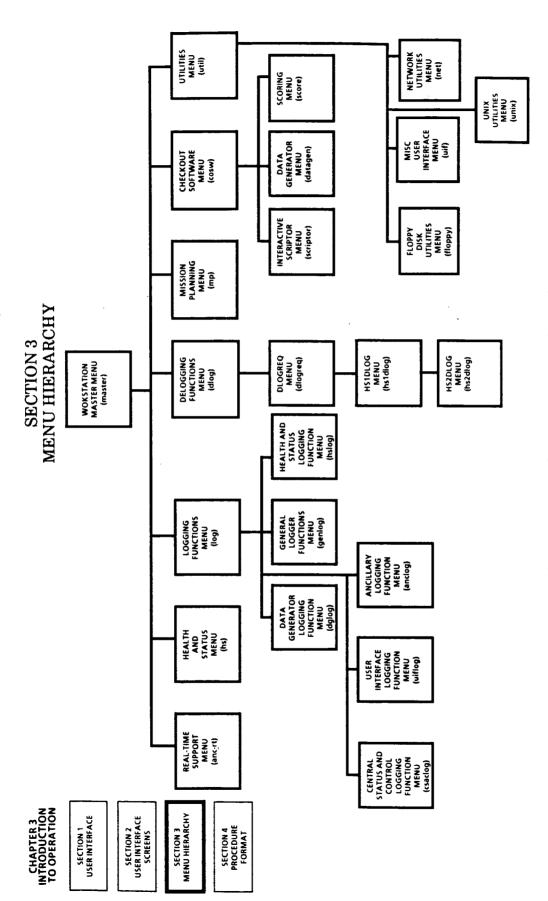


Figure 3-8. Workstation Menu Hierarchy

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The hierarchy of workstation menus is shown in figure 3-8.

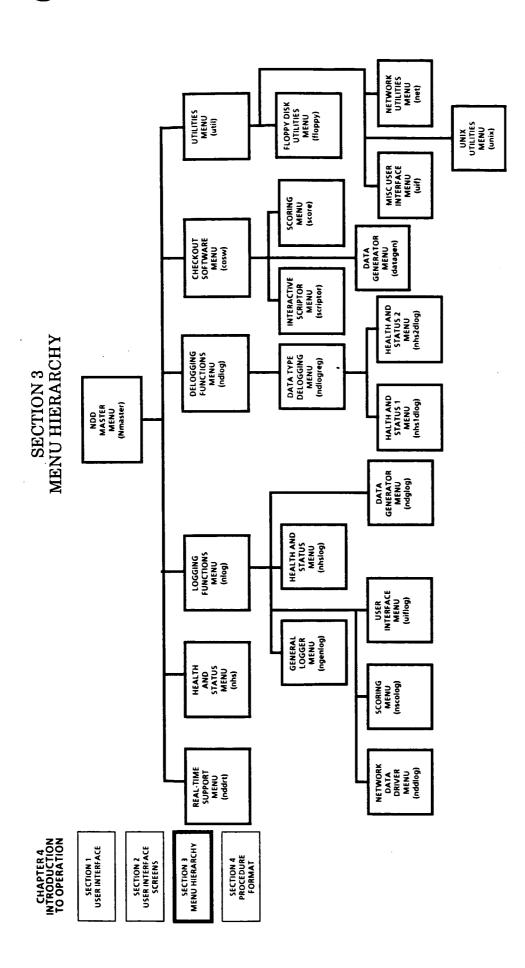


Figure 3-9. NDD Menu Hierarchy

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The hierarchy of NDD menus is shown in figure 3-9.

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The procedures presented within this guide are formatted in the following manner:

- Page is divided into three areas:
- Description.
- Display.
- Procedure.
- Highlighting/Bolding:
- Highlighting portions of displays.
- Bolding text.
- Procedure Syntax:
- Labeling conventions.
- Shows words used in commands or screen displays.

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GMT XXX:XX:XX F5 = HIST Enter the number or letter of your selection: F4 = ADVS 4 Delogging functions 6 Checkout software 3 Logging functions 1 Real-time support 2 Health and status 5 Mission planning F3 = RPRT 7 Utilities Display is Workstation Master Menu Menu name is 'master' F1 = REFR F2 = TOP SECTION 4 PROCEDURE FORMAT CNTL: menu hs DISPLAY ADV\$: ws1 Menu Command The menu command allows user to select desired menu no matter where the user is in the menu hierarchy. User must know the name of the desired menu. Menu name is shown on display as Menu name is '. DESCRIPTION

PROCEDURE

- To use menu command:
- --Type menu (name of menu)
 - --Press <RETURN>.

Figure 3-10. Typical Procedure Page

PAGE LAYOUT

The page is landscaped (figure 3-10) and divided into three sections:

- Description.
- Display.
- Procedure.

Description section:

- Introduces procedure.
- Describes displays and special keys used in procedure.

Display section:

- Shows keys on keyboard used in procedure.
- Shows VDT screen during procedure.

Procedure section:

Provides step-by-step instructions for implementing operations.

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SYMBOLOGY

Symbology used in procedures consists of:

- Highlighting.
- Bolding.
- Underlining.
- Angle brackets.

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SECTION 1 USER INTERFACE

GMT XXX:XX:XX

Display is Workstation Master Menu

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SECTION 4 PROCEDURE FORMAT

ORIGINAL PACE IS OF POOR QUALITY

F1 # REFR F2 # TOP F3 # RPRT F4 # ADVS F5 # HBT Enter the number or latter of your selection: Delogging functions Checkout Software Logging functions Real time support Health and status Mission planning ** LO. w

Figure 3-11. Example of Highlighting

HIGHLIGHTING

Highlighting is used on displays and diagrams to emphasize display areas or information described in text. Areas not related to supporting text are masked off in shaded areas.

Example (figure 3-11):

The header area of a display contains:

- Display title.
- Greenwich Mean Time (GMT).
- Computer identifier.
- Additional display information.

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Messages Command IGNORED

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When an invalid command is entered, system responds with Command IGNORED

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MENU HIERARCHY

Logon first

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Command IGNORED: perform 'logon' first. Enter next command

Any attempt to select menu item before performing logon procedure generates an error message:

DISPLAY

PROCEDURE FORMAT

SECTION 4

XX:XX:XX:XXX EMBD Enter the number or letter of your soliction Delogging functions Health and status sucupunį Buddos Real-time support Display is Work station Marter Menu Menu name is 'master

Gerkout software Mession plenning

CALIFORNIA SE

Command IGNORED: perform 'logon' first. Enter next command

1

FT = 69 RT NT, massurt {1=86FR F2=TOP

PROCEDURE

- To clear error message off screen:
- -- Press < RETURN >.
- Perform Entering Logon Procedure.

Figure 3-12. Example of Bolding

3-40

BOLDING

Bolded text indicates system messages and prompts shown in the display section of the procedures.

Example (figure 3-12):

Any attempt to manipulate menu before logging on generates error message:

Command IGNORED:perform logon' first. Enter next command.

The error message is BOLDED and written as shown in the display section of the procedures.

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DESCRIPTION

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Menu Command Menu command allows user to select desired menu no matter where user is in menu hierarchy.

User must know name of desired menu. Menu name is shown on display as Menu name is '.

GMT XXX:XX:XX Display is Workstation Master Menu ws1 Menu name is 'master'

Enter the number or letter of your selection:

1 Real-time support Health and status 3 Logging functions

4 Delogging functions

6 Checkout software 5 Mission planning

7 Utilities

ADVS:

CNTL:menuhs F1=REFR F2=TOP

F4 = ADVS F3 = RPRT

F5 = HIST

PROCEDURE

- To use menu command:
- --Type menu (name of menu)
 - --Press <RETURN>.

Figure 3-13. Example of Underlining

UNDERLINING

Underlined text indicates information entered on keyboard by user.

Example (figure 3-13):

Type menu (name of menu).

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FORMAT

Menu Command
The menu command allows user to select desired menu no matter where the user is in the menu hierarchy.

User must know the name of the desired menu. Menu name is shown on display as Menu name is ' '.

GMT XXX:XX:XX Enter the number or letter of your selection: 1 Real-time support Display is Workstation Master Menu Menu name is 'master' ws1

3 Logging functions 2 Health and status

4 Delogging functions

6 Checkout software 5 Mission planning

7 Utilities

F3 = RPRT CNTL: menu hs

ADVS:

F1 = REFR F2 = TOP

F5 = HIST

F4 = ADVS

PROCEDURE

- To use menu command:
- --Type menu (name of menu)
 - --Press <RETURN>.

Figure 3-14. Example of Angle Brackets

ANGLE BRACKETS

Text surrounded by a left < angle bracket and right > angle bracket indicates a key on the keyboard.

Example (figure 3-14):

Press <RETURN >.

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	ſ	Page	4-39	4-41	4-43	4-47	4-49	4-53	4-54	4-55	4-58	4-61	4-63	4-65	4-67	4-71
(i)) /					ls ·	P	uo	(F1 = REFR)	(F2 = TOP)	(F3 = RPRT)	(F4 = ADVS)	(F5 = HIST)				es Procedures
			Through A File	Arrow Keys	Line Commands	Page Comman	Function Keys Description	Refresh Key	Top Key:	Report Key	Advisory Key	History Key	Logoff Procedures	Entering Logoff	Utilities Procedures	Calling Up Utilities Procedures
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ENTERING LOGON PROCEDURES

ENTERING LOGON PROCEDURES Logon identifies user as authorized to access computer. Logon identifies user as authorized to access computer. Logon identifies user as authorized to access computer. Somputer. 1 Real-time support 2 Health and status 3 Logging function 4 Delogging function 5 Mission planning 6 Checkout Software 7 Utilities ADVS: CIVIT: F1 = REFR F2 = TOP F3 = RPRI F4 = ADVS F5 = HIST	CHAPTER 4 GENERAL OPERATING	DESCRIPTION	DISPLAY	
Logon identifies user as authorized to access computer. 1 Real-time support 2 Health and status 3 Logging function 4 Delogging function 5 Mission planning 6 Checkout Software 7 Utilities ADVS: CONT.: F1=REFR F2=TOP F3=RPRI F4=ADVS F5=HIST	PROCEDURES		Display is Workstation Master Menu	GMT XXX:XX:XX
1 Rea 2 Hea 2 Hea 3 Log 3 Log 4 Deix 5 Miss 6 Che 6 Che 6 Che 7 Utill	SECTION 1 LOGON PROCEDURES	Logon identifies user as authorized to access computer.		election:
4 Dek 5 Miss 6 Che 7 Utili 7 Utili 7 Utili 8 ADVS:	SECTION 2 USING THE MENUS PROCEDURES		1 Real-time support 2 Health and status 3 Logging function	
6 Che ADVS: CNTL: F1=REFR F2=TOP	SECTION 3 FUNCTION KEY DESCRIPTIONS		4 Delogging function 5 Mission planning	
ADVS: CNTL: F1=REFR F2=TOP	SECTION 4 LOGOFF PROCEDURES		6 Checkout Software 7 Utilities	
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F1 = REFR F2 = TOP	SECTION 6 HEALTH AND STAT PROCEDURES		ADVS:	
			F1 = REFR F2 = TOP	ADVS F5 = HIST

PROCEDURE

 Observe any user interface menu is displayed on screen.

DESCRIPTION

• ENTERING LOGON PROCEDURES (Cont.)

Begins logon command sequence.

Entering account name. Account name is assigned to each user or a specific group of users.

COMMENTS:

Account name in display is for example only and not valid for actual use.

DISPLAY

Agenceans is master

Menceans is master

Enter the number or letter of your selection

1. Raylane suggest

2. Health and status

3. Loyging function

4. Delogang function

5. Misson planning

6. Checkard Software

7. Utilities

7. Utilities

Abby

Enter account name (1-8 thats =).

Cart.

FireEff. E2-TOP Far Ready. FireBoys FireHalth

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PROCEDURE

- To enter logon:
- --Type logon.
- ---Press <RETURN>.
- --Observe following prompt appears:

Enter account name $(1 \sim 8 \text{ chars} =)$:

- To enter account name.
- --Type (account name).
- --Press <RETURN>.

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DESCRIPTION

ENTERING LOGON PROCEDURES (Cont.)

Entering password. Password identifies a specific user within an account.

COMMENTS:

Password is not echoed on CNTL: line.

Depending on system load, verification of password may take several seconds.

DISPLAY

Display is workstation Master Menu

Will Metric name is made!

Enter the number of letter of par set from

The adding support

PROCEDURE

To enter password:

--Observe following prompt appears:

Enter password

--Type (password).

-- Press <RETURN>.

OPICINAL FACT IS ON ROOF QUALITY

--Observe P/R line reads:

Enter password. verifying ...

4-12

DESCRIPTION

ENTERING LOGON PROCEDURES (Cont.)

Logon accepted. If account name and password are correct, system accepts logon and logon sequence is completed.

Logon rejected. If logon is rejected, check for correct account name and password. If account and password are correct, repeat procedures. If logon still fails, check with system manager.

DISPLAY

Above that the number of the of your selection

fines the number of status

1 Resistant status

2 Health and status

3 Logging function

4 Deloging function

6 Checken's of your selection

7 Health and status

7 Health and status

8 Deloging function

9 Delogin

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PROCEDURE

- If logon is accepted:
- -- Observe P/R line reads:

Logon accepted

• If logon is rejected:

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--Observe P/R line reads:

Logon rejected

- -- Verify correct account name and password.
- --Repeat entering logon procedures.
- --If logon still fails, check with system manager.

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TIME SAVER PROCEDURE

DESCRIPTION

TIME SAVER PROCEDURE

Display is Workstation Master Menu Menu name is 'master' ws1

DISPLAY

GMT XXX:XX:XX

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Enter the number or letter of your selection: 4 Delogging function 6 Checkout Software 1 Real-time support 3 Logging function 5 Mission planning 7 Utilities Once familiar with logging on to CAS, logon sequence can be simplified.

Health and status

Logon accepted CNTL: ADVS:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To logon:
- --Type logon (account name)
- -- Press <RETURN>.
- --Observe following prompt appears:

Enter password

- --Type (password).
- -- Press <RETURN>.
- -- Observe P/R line reads:
- --Observe P/R line reads:

Enter password. verifying ...

Logon accepted

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ERROR MESSAGES

DESCRIPTION

ERROR MESSAGES

Command ignored. When an invalid command is entered, system responds with:

Command IGNORED

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Logon first. Any attempt to select menu item before performing logon procedure generates an error message:

Command IGNORED: perform 'logon' first. Enter next command

DISPLAY

GMTXXXXXXXX F3 # RPRT F4 # ADVS FS # HIST Command IGNORED: perform 'logon' first Enter next command Enter the number or letter of your selection: Delogging function Checkout Software 1 Real-time support Health and status Logging function Mission planning Utilities £2.#10# Omplay is Workstation Masker Manu Menu name is matter fin REFR CWILL

PROCEDURE

SECTION 6
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SECTION 5 UTILITIES PROCEDURES To clear error message off screen:

--Press <RETURN>.

--Perform entering logon procedures

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S E		Selecting Menu Items	Selecting Menu Items By Numbe	Selecting Menu Items By Letter	Selecting Menu Items By Name	Through The Menus	Requsites	Top (F2=TOP) Key	Zero Option	Menu Command	Time Saver	Through A File	Arrow Keys	Line Commands	Down Commonds

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SELECTING MENU ITEMS PROCEDURES

)			
PROCEDURES	SELECTING MENU ITEMS PROCEDURES	∑ -	GMT XXX:XX:XX
SECTION 1 LOGON PROCEDURES	There are three ways to select menu items:	ndd i Menu name is inmaster	our selection:
CECTION 3	By number.	1 Real time support	٠
USING THE MENUS PROCEDURES	By letter.	2 Health and status	S
	Ву пяще.	3 Logging function	
SECTION 3		4 Delogging function	ion
DESCRIPTIONS		5 Checkout Software	are
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PROCEDURES		CNTL: F1=REFR F2=TOP F3=RPRT F4=ADVS	F4 = ADVS F5 = HIST

• (None)

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DESCRIPTION

SELECTING MENU ITEMS BY NUMBER PROCEDURE

Each menu item has a number.

Entering menu item number from displayed menu selects desired menu item.

Example:

Call up health and status menu.

DISPLAY

GMT XXXXXXXX Dapiny is Network Data Driver Master Manu

Enter the number or letter of your selection:

- 1 Real time support
- 2 Health and status

Logging function

- 4 Delogging function
 - Checkout Software
- 6 Utilities

F3. KPRT F4. ADVS FS. HIST F2 = TOP £1 = REFE 5000

PROCEDURE

To call up menu item by number:

--Type (menu item number).

--Observe selected item appears.

EXAMPLE:

To call up health and status menu by number:

--Type 2.

-- Observe health and status menu appears.

SELECTING MENU ITEMS BY NUMBER PROCEDURE (Cont.)

Example (Cont.)

Returning to master menu.

Display is Network Data Driver Health and Status Menu 1ppu

Menu name is 'nhs'

Enter the number or letter of your selection:

1 Application Report

2 Interface Report 3 Log Report

4 Overall Report

5 Send Central Status and Control

Restart Health and Status 9

0 BACK to previous menu

ADVS:

CNTL

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DISPLAY

GMT XXX:XX:XX

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EXAMPLE (Cont.):

- To return to master menu:
- --Type <u>0</u>.
- -- Observe master menu appears.

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DESCRIPTION

 SELECTING MENU ITEMS BY LETTER PROCEDURE

Entering first initial of menu item and <RETURN> calls up new selection.

Operator must be in a menu that shows desired menu item in active area

Command rules:

Letter must be uppercase.

Example:

Call up health and status menu.

DISPLAY

Enter the number or letter of your selection:

- 1 Real time support
- Health and statusLogging function
- Delogging function
- 5 Checkout Software
- Utilities

FIREER FEATOR FRANKE FRANKE

f\$#.HIST

PROCEDURE

- To call up menu item by letter:
- --Type (first letter of menu item).
- -- Press <RETURN>.
- --Observe selected item appears.

EXAMPLE:

- To call up health and status menu by letter:
- --Type H.
- -- Press <RETURN>.
- -- Observe health and status menu appears.

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SELECTING MENU ITEMS BY NAME PROCEDURE

GMT XXX:XX:XX

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST Send Central Status and Control Enter the number or letter of your selection: 6 Restart Health and Status 0 BACK to previous menu Display is Network Data Driver Health and Status Menu 1 Application Report 2 Interface Report Overall Report 3 Log Report Menu name is 'nhs' F1 = REFR DISPLAY ndd1 ADVS CNTL Selecting menu items by name is feature used by operators familiar with menu names. menu regardless of where operator is in menu Knowing menu name, operators can call up Every menu has a unique name. Name SELECTING MENU ITEMS BY NAME appears in header area of display: Command must be lowercase. Menu name is 'nhs' menu (name of menu) Command Syntax: Command Rules: PROCEDURE hierarchy. DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6 HEALTH AND STAT PROCEDURES CHAPTER 4 GENERAL OPERATING PROCEDURES SECTION 3 FUNCTION KEY DESCRIPTIONS SECTION 4 LOGOFF PROCEDURES SECTION 5 UTILITIES PROCEDURES SECTION 1 LOGON PROCEDURES

PROCEDURE

- To select menu item by name:
- --Type menu (name of menu)
- --Press <RETURN>.
- --Observe selected item appears.

EXAMPLE:

- To select health and status menu by name:
- -- Type menu nhs.
- -- Press <RETURN>.
- -- Observe health and status menu appears.

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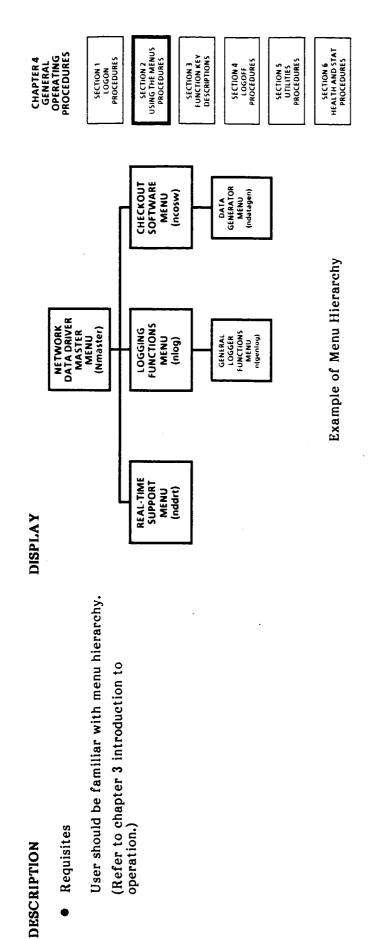
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rocedur <u>e</u>	Requisites	Top (F2=TOP) Key	Zero Option	Menu Command	Time Saver



PROCEDURE

• (None)

GMT XXX:XX:XX F2=TOP F3=RPRT F4=ADVS F5=HIST Top Menu in NDD Menu Hierarchy Enter the number or letter of your selection: 4 Delogging function 5 Checkout Software 1 Real time support 2 Health and status 3 Logging function Display is Network Data Driver Master Menu 6 Utilities Menu name is 'Nmaster' F1 = REFR DISPLAY ndd1 ADVS: CNTL: Network data driver master menu (shown at master menu, regardless of where user is in right) is top menu in NDD menu hierarchy. Workstation master menu is top menu in Pressing top key <F2> returns display to TOP KEY <F2> AND TOP KEY LABEL workstation menu hierarchy. (F2 = TOP) PROCEDURE menu hierarchy. DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6 HEALTH AND STAT PROCEDURES CHAPTER 4 GENERAL OPERATING PROCEDURES SECTION 3 FUNCTION KEY DESCRIPTIONS SECTION 1 LOGON PROCEDURES SECTION 4 LOGOFF PROCEDURES SECTION 5 UTILITIES PROCEDURES

PROCEDURE

- To return to top menu (master menu):
- --Press <F2>.
- -- Observe master menu appears.

ZERO OPTION PROCEDURE

Zero (0) option on menus returns display to previous menu in menu hierarchy.

COMMENTS:

All menus have zero menu choice except master menu. (Master menu is at top of hierarchy and therefore has no previous menu.)

DISPLAY

Display is Network Data Driver Health and Status Menu GMT XXX:XX:XX ndd1 Menu name is 'nhs'

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Enter the number or letter of your selection:

- 1 Application Report
- 2 Interface Report

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- 3 Log Report
- 4 Overall Report
- 5 Send Central Status and Control
- 6 Restart Health and Status
 - 0 BACK to previous menu

ADVS:

F2=TOP F3=RPRT F4=ADVS F5=HIST

F1 = REFR

CNTL:

SECTION 6
HEALTH AND STAT
PROCEDURES

PROCEDURE

- To go to previous menu:
- --Type $\underline{0}$.
- -- Observe previous menu appears.

DESCRIPTION

MENU COMMAND PROCEDURE

Menu command allows user to select desired menu no matter where user is in menu hierarchy.

User must know name of desired menu. Menu name is shown on display as Menu name is ' '.

SECTION 2 USING THE MENUS PROCEDURES

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Menu command is used by typing word menu followed by name of desired menu.

DISPLAY

*	Enter the number or letter of your selection:	1. Real thine support	2 Health and status	3. Lagging thertier	A. Delogging function	S. Checkous Software	6 Lithius			FILERETT FLATOP FRANKET FEERDONS FEEHEST
Capilay is then									ADVS:	DATE.

PROCEDURE

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SECTION 4 LOGOFF PROCEDURES

- To use menu command:
- -- Type menu (name of menu).
- -- Press <RETURN>.
- -- Observe selected menu appears.

TIME SAVER PROCEDURE

Knowledgeable users can bypass menus by using unique commands.

Every selection on a menu has a unique command. (For a list of commands, refer to appendix A.)

Whenever a menu item is selected (by number, letter, or command), unique command is echoed on CNTL: line.

Commands, as well as responses to prompts, are entered on P/R line.

Using commands, user can go from menu to menu and menu item to menu item without regard to location within a hierarchy or menu displayed.

DISPLAY

Display is Network Data Driver Master Menu GMT XXX:XX:XX ndd1 Menu name is 'Nmaster'

Enter the number or letter of your selection:

1 Real time support

2 Health and status

3 Logging function

4 Delogging function

5 Checkout Software

6 Utilities

ADVS:

CNTL: hsapp support

F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST

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HEALTH AND STAT
PROCEDURES

EXAMPLE:

- To select health and status application summary report for support application:
- -- Type happreport.
- --Observe health and status application summary report appears.

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THROUGH A FILE PROCEDURES

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THROUGH A FILE

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ARROW KEY PROCEDURES

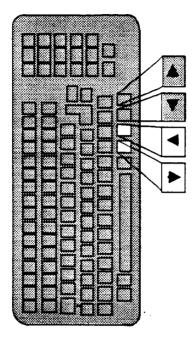
There are four arrow keys. Only up and down arrows are currently used.

Arrow keys are used to scroll through reports.

Up arrow $< \uparrow>$ - scrolls active area of display up one line.

Down arrow <↓> - scrolls active area of display down one line.

DISPLAY



SECTION 2 USING THE MENUS PROCEDURES

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PROCEDURE

• (None)

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DESCRIPTION

UP AND DOWN ARROW KEYS PROCEDURE

Up arrow key scrolls active area of display up one line each time key is pressed.

Down arrow key scrolls active area of display down one line each time key is pressed.

DISPLAY

Display is re	Display is report '/cas/reports/OVERALL_REPORT'	as/reports/OVE on screen is line	RALL	REPORT		GMT XXX:XX:XX:XX	XX:XX
	3	AS ndd1 C	VERAI	L SUMMA	CAS ndd1 OVERALL SUMMARY REPORT		
Overall Health:		0005		Numb	er of Active	Number of Active Applications:	-
System: Lo. Dis	System:Load Averages Disk Summary	5-Min. 0.00 Total: 0	00.00	10-Min. Free: 0	10-Min. 0 00 Free: 0	15-Min 0 00 Per Cent Full: 0 00	00 0
support	Overall Health: GOOD Flt 1 Data Quality: OK Startup Time: 063:20	alth: GC Quality: ne: 06	GOOD : OK 063:20:41:51	1:51	No of Active Proc Fit 2 Data Quality Last Status Rcvd:	٠. بۆ	sses: 5 OK 063:20:47:3;
1		1					1
ADVS:							
CNTL:	F1 = REFR	R F2=10P		F3 = RPRT	F4.= ADVS	FS = HIST	

PROCEDURE

- To scroll display up one line:
- --Press < ↑ >
- --Observe active area of screen scrolls up one line.
- To seroll display down one line:
- --Press < \(\) >
- --Observe active area of screen scrolls down one line.

LINE COMMANDS PROCEDURE

Line command:

Advances specified number of lines. Backs up specified number of lines. Searches to specified line number.

of screen: Top line on screen is line 1

Header area identifies line currently at top

DISPLAY

			7	
GMT XXX:XX:XX:XX	1	Number of Active Applications: 1 10-Min. 0.00 15-Min. 0.00 Free: 0 Per Cent Full: 0.00	No. of Active Processes: 5 FIt 2 Data Quality: OK Last Status Rcvd: 063:20:47:37	F3=RPRT F4=ADVS F5=HIST
B	RY REPOR	Number of Activ 10-Min. 0.00 Free: 0	No. of Av Fit 2 Dat Last Stat	 F4 = ADVS
_REPORT'	LL SUMMA	Number of 10-Min. Free: 0	11:51	 F3 = RPRT
ts/OVERALL_is line 1	CAS ndd1 OVERALL SUMMARY REPORT	OD 5-Min. 0.00 Total: 0	i: GOOD lity: OK 063:20:41:51	F2 = TOP
report '/cas/reports/OVER. Top line on screen is line 1	CAS	9	Overall Health: GOOD Fit 1 Data Quality: OK Startup Time: 063:20	F1 = REFR
Display is report '/cas/reports/OVERALL_REPORT' ndd1 Top line on screen is line 1		Overall Health: (System:Load Averages Disk Summary	support O	ADVS:

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SECTION 2 USING THE MENUS PROCEDURES

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CHAPTER 4 GENERAL OPERATING PROCEDURES

PROCEDURE

• (None).

CHAPTER 4 GENERAL	DESCRIPTION	DISPLAY
OPERATING PROCEDURES	• LINE COMMANDS PROCEDURE (Cont.)	-
SECTION 1 LOGON PROCEDURES	Line command:	ndd i op line on screen is line i CAS ndd1 OVERALL SUMMARY REPORT
	Advances specified number of lines	Overall Health: GOOD Number of Active Applications: 1
SECTION 2 USING THE MENUS PROCEDURES	Command syntax:	System: Load Averages 5-Min 0.00 10-Min. 0.00 15-Min. 0.00 Disk Summary Total: 0 Free: 0 Per Cent Full: 0.00
SECTION 3 FUNCTION KEY DESCRIPTIONS	line +(number of lines to advance)	support Overall Health: GOOD No of Active Processes: 5 Flt 1 Data Quality: OK Flt 2 Data Quality: OK Startup Time: 063:20:41:51 Last Status Rcvd: 063:20:47:37
SECTION 4 LOGOFF PROCEDURES		
SECTION 5 UTILITIES PROCEDURES		
SECTION 6 HEALTH AND STAT PROCEDURES		ADVS:

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Θ
띳
×

- To advance a specified number of lines:
- --Type line +(number of lines to advance).
- -- Press <RETURN>.
- -- Observe active area of advances specified number lines.

EXAMPLE:

- To advance two lines:
- --Type line +2.
- --Press <RETURN>.
- -- Observe active area of screen advances two lines.

LINE COMMANDS PROCEDURE (Cont.)

Line command:

Backs up specified number of lines

Command syntax:

line -(number of lines to back up)

DISPLAY

Display is report '/cas/reports/OVERALL_REPORT' GMT XXX:XX:XX

ndd1 Top line on screen is line 3

System:Load Averages 5-Min 0 00 10-Min. 0.00 15-Min 0 00

Disk Summary Total: 0 Free: 0 Per Cent Full: 0.00

support Overall Health: GOOD No. of Active Processes: 5

Fit 1 Data Quality: OK Fit 2 Data Quality: OK Startup Time: 063:20:41:51 Last Status Rcvd: 063:20:47:37

SECTION 2 USING THE MENUS PROCEDURES

SECTION 1 LOGON PROCEDURES

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PROCEDURE

To back up a specified number of lines:

- --Type line -(number of lines to back up).
- --Press <RETURN>.
- -- Observe active area of backs up specified number lines.

EXAMPLE:

F2=TOP F3=RPRT F4=ADVS F5=HIST

F1 = REFR

ADVS: CNTL:

- To back up one line:
- --Type line -1.
- --Press <RETURN>.
- -- Observe active area of screen backs up one line.

CHAPTER 4 GENERAL	DESCRIPTION	DISPLAY	
PROCEDURES	 LINE COMMANDS PROCEDURE (Cont.) 	<u>×</u>	GMT XXX:XX:X
SECTION 1 LOGON PROCEDURES	Line command:	ndd1 Top line on screen is line 2	Number of Action Applications: 1
SECTION 2 USING THE MENUS PROCEDURES	Searches to specified line number. Command syntax:	erages 5-Min 0.00 10-Min. nmary Total: 0 Free:	10 O 00 15-Min 0 00 0 Per Cent Full: 0 00 No of Artiva Propesses: 5
SECTION 3 FUNCTION KEY DESCRIPTIONS	line (line number)	Fit 1 Data Quality: OK Startup Time: 063:20:41:51	Fit 2 Data Quality: OK Last Status Rcvd: 063:20:4
SECTION 4 LOGOFF PROCEDURES			
SECTION S UTILITIES PROCEDURES			
SECTION 6 HEALTH AND STAT PROCEDURES		ADVS:	1 1 1 1 1 1 1 1 1 1 1 1
		CNTL: F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST	4 = ADVS F5 = HIST

No of Active Processes: 5 FIt 2 Data Quality: OK Last Status Rcvd: 063:20:47:37

GMT XXX:XX:XX

EXAMPLE:

• To search to line number one:

• To search to a specified line number:

PROCEDURE

--Type line (line number).

--Press <RETURN>.

- --Type line 1.
- --Press <RETURN>.
- --Observe top line of active area is line one.

--Observe top line of active area is specified line

number.

PAGE COMMANDS PROCEDURE

Page command:

Advances specified number of pages. Backs up specified number of pages. Searches to specified page. Searches to last page.

DISPLAY

)			37		
GMT XXX:XX:XX		Number of Active Applications: 1	15-Min 0 00 Per Cent Full: 0.00	No. of Active Processes: 5 Fit 2 Data Quality: OK Last Status Rcvd: 063:20:47:37		F5 = HIST
 	RY REPORT	er of Active	10-Min 0 00 Free: 0	No. of Active Proc Fit 2 Data Quality Last Status Rcvd:		=4 = ADVS
REPORT'	CAS ndd1 OVERALL SUMMARY REPORT	Numbe	10-Min Free:	1:51	 	F3 = RPRT F4 = ADVS
Display is report 'Kastreports/OVERALL_REPORT' ndd1 Top line on screen is line 1	d1 OVERAI		5-Min. 0.00 Total: 0	GOOD y: OK 063:20:41:51	\$ 1 2 4 1 1	F2 = TOP F
report '/cas/reports/OVER. Top line on screen is line 1	CAS nd	G005		Overall Health: GOOD Fit 1 Data Quality: OK Startup Time: 063:20	 	F1 = REFR F.
s report '/c Top line c		Health:	System:Load Averages Disk Summary			F1 =
Display i		Overall Health:	System:	support	ADVS:	CNTL:

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PROCEDURE

- To advance a specified number of pages:
- --Type page +(number of pages to advance).
- -- Press <RETURN>.
- -- Observe active area advances specified number of pages.
- To back up a specified number of pages:
- --Type page -(number of pages to back up).
- --Press <RETURN>.
- -- Observe active area backs up specified number of pages.

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PROCEDURE (Cont.)

- To search to a specified page:
- --Type page (page number).
 - --Press <RETURN>.
- -- Observe active area displays specified page.
- To search to last page:

-- Type page end.

- --Press <RETURN>.
- -- Observe active area displays last page.
- Or, to search to last page:
- -- Type page last.
- --Press <RETURN>.
- -- Observe active area displays last page.

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FUNCTION KEYS

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Refresh Key (F1=REFR)

Top Key (F2=TOP)
Report Key (F3=RPRT)

Report Key (F3=RPRT) Advisory Key (F4=ADVS)

History Key (F5=HIST)

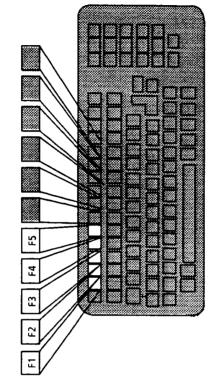
4-50

FUNCTION KEYS

Function keys are specially-programmed keys located on top row of keyboard.

There are eleven function keys. Only function keys <f1> through <f5> are used.

DISPLAY



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PROCEDURE

• (None),

DESCRIPTION

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Function key indicator labels are same on

each display.

Function key indicators are labeled on

bottom of each display.

• FUNCTION KEYS (Cont.)

SECTION 3 FUNCTION KEY DESCRIPTIONS

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DISPLAY

CANAXXXXX TANS F2=TOP F3=RPRT F4=ADVS F5=HIST number or letter of your self Checkout Soffware Logging function Messon planning F1 = REFR ADVS : 10 10

PROCEDURE

• (None)

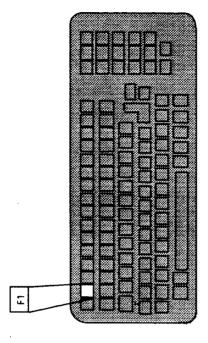
REFRESH KEY <F1>

Refresh key clears screen then writes current display on screen.

Refresh is used when VDT is switched from one computer to another.

DISPLAY

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PROCEDURE

To refresh screen:

--Press <F1>.

DESCRIPTION

TOP KEY <F2>

Top key performs one of two functions when

pressed:

SECTION 1 LOGON PROCEDURES

-When viewing reports, displays first page of report.

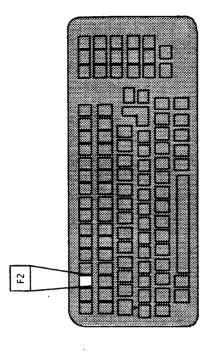
SECTION 2 USING THE MENUS PROCEDURES

SECTION 3 FUNCTION KEY DESCRIPTIONS

SECTION 4 LOGOFF PROCEDURES

-When viewing a menu, displays master menu.

DISPLAY



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PROCEDURE

With menu on screen, to return to master menu: With report on screen, to go to first page of report:

--Press <F2>.

--Press <F2>.

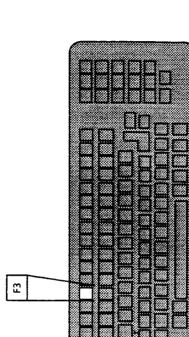
REPORT KEY <F3> AND REPORT KEY INDICATOR (F3 = RPRT)

Indicator - when F3 = RPRT is highlighted on screen, a report is queued. (For information on reports and queues, refer to chapter 3.)

View - Pressing report key <F3> when F3 = RPRT is highlighted on screen, displays report in queue.

Pressing report key <F3> when F3 = RPRT is not highlighted on screen, redisplays last report viewed.

DISPLAY



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PROCEDURE

• (None)

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DESCRIPTION

REPORT KEY <F3> AND REPORT KEY INDICATOR (F3 = RPRT) (Cont.)

Indicator - when F3 = RPRT is highlighted on screen, one or more reports are queued.

DISPLAY

Display is Woorkstein Master Menti
Well
Well
Enter the number or letter of sour selection

1 Restain a support

2 Health and state

3 Lington function

4 Deleging function

5 Checking Spirition

7 Checking Spirition

8 Checking Spirition

7 Checking Spirition

8 Checking Spirition

7 Checking Spirition

7 Checking Spirition

8 Checking Spirition

8 Checking Spirition

9 C

PROCEDURE

• (None)

 REPORT KEY <F3> AND REPORT KEY INDICATOR (F3 = RPRT) (Cont.) View - Pressing report key <F3> when
F3 = RPRT is highlighted on screen,
displays next report in queue.

Pressing report key <F3 > when F3 = RPRI is not highlighted on screen, redisplays last report viewed.

DISPLAY

Typical Report

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Flt 2 Data Quality: OK Last Status Rcvd: 063:20:47:37 GMT XXX:XX:XX 15-Min. 0.00 Per Cent Full: 0.00 No. of Active Processes: 5 Number of Active Applications: 1 CAS ws1 OVERALL SUMMARY REPORT 10-Min. 0.00 Free: 0 Display is report '/cas/reports/OVERALL_REPORT' Overall Health: GOOD Flt 1 Data Quality: OK Startup Time: 063:20:41:51 System:Load Averages 5-Min. 0.00 Disk Summary Total: 0 Top line on screen is line 1 g009 Overall Health: support ADVS: CNTL: ws1

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F2=TOP F3=RPRT F4=ADVS F5=HIST

F1 = REFR

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PROCEDURE

To view next report in queue or last report:
 --Press <F3>.

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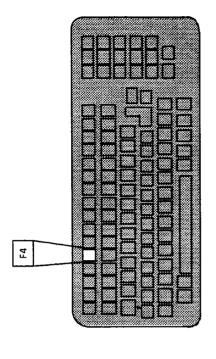
DESCRIPTION

DISPLAY

ADVISORY KEY < F4> AND ADVISORY KEY INDICATOR (F4 = ADVS)

information on advisories and queues, refer Indicator - when F4 = ADVS is highlighted on screen, an advisory is queued. (For to chapter 3.)

F4 = ADVS is highlighted on screen, displays next advisory in queue on Pressing advisory key <F4> when advisory line.



PROCEDURE

• (None)

DESCRIPTION

ADVISORY KEY <F4> AND ADVISORY KEY INDICATOR (F4 = ADVS) (Cont.)

Indicator - when F4 = ADVS is highlighted on screen, an advisory is queued.

DISPLAY

Objetory a footbranch Marter Maria

Will Manuscratch Marter Maria

The Court be number to British of July Salation

The Court be number to British of July Salation

The Court be number to British of July Salation

The Court be number to British of Salation

The Court be numbered to British of Salation

The Court be number to British of Salation

The Court be numbered to

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PROCEDURE

• (None)

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DESCRIPTION

ADVISORY KEY < F4 > AND ADVISORY KEY INDICATOR (F4 = ADVS) (Cont.)

View - Pressing advisory key <f4> when
f4 = ADVS is highlighted on screen,
displays next advisory in queue.

COMMENTS:

If F4 = ADVS remains lighted after pressing <F4> key, another advisory is queued.

Urgent advisories displayed before nominal advisories.

All advisories must be acknowledged by pressing advisory key <F4>. Pressing advisory key <F4> when unlighted, clears advisory line.

DISPLAY

Papilar is Workstation Masker Menu
wid Metric Familiar in masker

| Refer the remaining griffers of your selection |
| Resistand state
| R

- To view advisory:
- --Press <F4>.

DESCRIPTION

HISTORY KEY <F5>

Pressing <F5> displays a one-page command or advisory history.

DISPLAY

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F5

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PROCEDURE

• (None),

DESCRIPTION

HISTORY KEY <F5> (Cont.)

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DISPLAY

Depily is Workstathor Marker Menu

with Menulianne is master

Enter the number or letter to your addition.

1. Real-time support

2. Heal-time support

3. Logging function

4. Deloging function

5. Mestion plansing

5. Checkbut Software

7. Children

Thinks

Enter type of history - Advisory OR Command [a/c] (1-2 cher = a)

Children

Enter type of history - Advisory OR Command [a/c] (1-2 cher = a)

Children

Enter type of history - Advisory OR Command [a/c] (1-2 cher = a)

Children

Enter type of history - Advisory OR Command [a/c] (1-2 cher = a)

Children

Enter type of history - Advisory OR Command [a/c] (1-2 cher = a)

Children

Enter type of history - Advisory OR Command [a/c] (1-2 cher = a)

PROCEDURE

- To view a command history:
- --Press <F5>.
- --Observe following prompt appears:

Enter type of history - Advisory OR Command [a/c] (1~2 char = a)

- –Type c.
- -- Press <RETURN>.

- To view an advisory history:
- --Press <F5>.
- --Observe following prompt appears:

Enter type of history - Advisory OR Command [a/c] (1~2 char = a)

- --Type a.
- --Press <RETURN>.

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Entering Logoff

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DESCRIPTION

ENTERING LOGOFF PROCEDURE

Logoff clears user Identification.

COMMENTS:

After logging off, user must perfom logon procedures before manipulating menu or entering commands.

DISPLAY

Display is Workstation Health and Status Menuws1 Menuws1

Enter the number or letter of your selection:

1 Application Report

2 Interface Report

3 Log Report

4 Overall Report

5 Send Central Status and Control

6 Restart Health and Status

0 BACK to previous menu

ADVS:

Logoff accepted. Enter next command CNTL:

F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST

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GMT XXX:XX:XX

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PROCEDURE

- To log off:
- --Observe any user interface menu is displayed on screen.
- --Type logoff.
- --Press <RETURN>.

--Observe P/R line reads:

Logoff accepted. Enter next command

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SECTION 5 UTILITIES PROCEDURES

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CALLING UP UTILITIES PROCEDURE

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SECTION 6 HEALTH AND STAT PROCEDURES			ADVS: CNTL: F1 = REFR	F2=TOP F3=RPRI F4=ADVS F5=HISI

- To call up utilities menu from CAS workstation master menu:
- --Type 7.
- -- Observe utilities menu appears.

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- To call up utilities menu from NDD workstation master menu:
- --Type <u>6</u>.
- --Observe utilities menu appears.

CHAPTER 4 GENERAL	DESCRIPTION	DISPLAY	
OPERATING PROCEDURES	• CALLING UP UTILITIES PROCEDURE	Display is Utilities Menu	GMT XXX:XX:XX
SECTION 1 LOGON PROCEDURES	Utilities menu.		Enter the number or letter of your selection:
SECTION 2 USING THE MENUS PROCEDURES		1 Flop 2 Mis 3 Net	 Hoppy disk utilities Misc. User Interface Utilities Network utilities
SECTION 3 FUNCTION KEY DESCRIPTIONS		4 UNI 0 BAC	4 UNIX utilities 0 BACK to previous menu
SECTION 4 LOGOFF PROCEDURES			
SECTION S UTILITIES PROCEDURES			
SECTION 6 HEALTH AND STAT PROCEDURES			
		FI = KEFK FZ =	F2 = IOP F3 = KPK F4 = ADVS F5 = HIS

PROCEDURE

• (None).

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SECTION 3 FUNCTION KEY DESCRIPTIONS

SECTION 4 LOGOFF PROCEDURES SECTION 5 UTILITIES PROCEDURES SECTION 6
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PROCEDURES

PLOPPY DISK UTILITIES PROCEDURES

GMT XXX:XX:XX

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST Enter the number or letter of your selection: 2 Misc User Interface Utilities 0 BACK to previous menu 1 Floppy disk utilities 3 Network utilities 4 UNIX utilities Menu name is 'util' Display is Utilities Menu ws1 Menu mame is 1 DISPLAY ADVS: CNTL FLOPPY DISK UTILITIES PROCEDURES Calls up floppy disk utilities menu from utilities menu. DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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- To call up floppy disk utilities menu from utilities menu:
- --Type 1.
- -- Observe floppy disk utilities menu appears.

DESCRIPTION

FLOPPY DISK UTILITIES PROCEDURES (Cont.) Floppy disk utilities menu lists floppy disk operations available to user.

DISPLAY

Display is Floppy Disk Utilities Menu Menu name is 'floppy' ws1

Enter the number or letter of your selection:

1 Append a file to the floppy disk [save existing files]

2 Format a blank floppy disk | takes about TWO minutes|

3 List the contents of a floppy disk

4 Read a file from the floppy disk

5 Write a file to the floppy disk [delete existing files]

0 BACK to previous menu

ADVS:

CNTL:

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST F1 = REFR

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GMT XXX:XX:XX

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PROCEDURE

• (None).

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APPEND FILE TO FLOPPY DISK PROCEDURE

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DESCRIPTION

APPEND FILE TO FLOPPY DISK PROCEDURE

overwriting files that currently exist on Writes a file to floppy disk without floppy disk.

DISPLAY

2 Format a blank floppy disk [takes about TWO minutes] 1 Append a file to the floppy disk [save existing files] Enter the number or letter of your selection: Display is Floppy Disk Utilities Menu Menu name is 'floppy' ws1

GMT XXX:XX:XX

4 Read a file from the floppy disk

3 List the contents of a floppy disk

5 Write a file to the floppy disk [delete existing files]

0 BACK to previous menu

Enter name of file to append $(1 \sim 72 \text{ chars = })$: CNTL. flpappend ADVS:

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST F1 = REFR

PROCEDURE

- To append a file:
- --Type 1.
- -- Observe following prompt appears:

Enter name of file to append $(1 \sim 72 \text{ chars} =)$:

--Type (file name).

-- Press <RETURN>.

Or, to append a file:

--Type flpa (file name).

-- Press <RETURN>.

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PROCEDURES

DESCRIPTION

FORMAT A BLANK FLOPPY DISK PROCEDURE Initializes a floppy disk to CAS format.

NOTE

Format procedure erases entire contents of floppy disk.

DISPLAY

Display is Floppy Disk Utilities Menu

ws1

Enter the number or letter of your selection: Menu name is 'floppy'

GMT XXX:XX:XX

- 1 Append a file to the floppy disk [save existing files]
- 2 Format a blank floppy disk [takes about TWO minutes]
- 3 List the contents of a floppy disk
- Read a file from the floppy disk
- Write a file to the floppy disk [delete existing files]
- BACK to previous menu

.CNTL: flpformat F1 = REFR

ADVS:

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

- To format floppy disk:
- --Type 2.
- -- Observe process takes approximately two minutes.
- Or, to format floppy disk: •
- --Type flpf.
- -- Press <RETURN>.
- -- Observe process takes approximately two minutes.

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PORMAT A BLANK PLOPPY DISK PROCEDURE

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LIST CONTENTS OF PLOPPY DISK PROCEDURE

DESCRIPTION

SECTION 1 LOGON PROCEDURES

Displays list of files on a floppy disk.

LIST CONTENTS OF FLOPPY DISK

PROCEDURE

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DISPLAY

GMT XXX:XX:XX Enter the number or letter of your selection: **Display is Floppy Disk Utilities Menu** Menu name is 'floppy' ws1

- 1 Append a file to the floppy disk (save existing files)
- 2 Format a blank floppy disk [takes about TWO minutes]
- 3 List the contents of a floppy disk
- 4 Read a file from the floppy disk
- 5 Write a file to the floppy disk idelete existing files
- BACK to previous menu

CNTL: flplist

ADVS:

F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST

- To list contents of floppy disk:
- --Type $\underline{3}$.
- --Observe disk directory appears.

- Or, to list contents of floppy disk:
- --Type flpl.
- -- Press <RETURN>.
- -- Observe disk directory appears.

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READ A FILE PROM PLOPPY DISK PROCEDURE

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DESCRIPTION

READ A FILE FROM FLOPPY DISK PROCEDURE

Displays contents of file stored on floppy disk.

DISPLAY

Display is Floppy Disk Utilities Menu Menu name is 'floppy'

GMT XXX:XX:XX

Enter the number or letter of your selection:

1 Append a file to the floppy disk [save existing files]

2 Format a blank floppy disk [takes about TWO minutes]

3 List the contents of a floppy disk

4 Read a file from the floppy disk

5 Write a file to the floppy disk [delete existing files]

0 BACK to previous menu

ADVS:

F2=TOP F3=RPRT F4=ADVS F5=HIST F1 = REFR

Enter name of file to read $(1 \sim 72 \text{ chars} =)$: CNTL:flpread

PROCEDURE

To read a file:

--Type 4.

--Observe following prompt appears:

Enter name of file to read $(1 \sim 72 \text{ chars = })$:

Or, to read a file:

--Type flpr (file name).

--Press <RETURN>.

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WRITE A FILE TO FLOPPY DISK PROCEDURE

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WRITE A FILE TO FLOPPY DISK PROCEDURE

Writes a file to floppy disk, overwriting existing files.

NOTE

Write a file to floppy disk procedure overwrites existing files.

DISPLAY

Display is Floppy Disk Utilities Menu Menu name is 'floppy' ws1

GMT XXX:XX:XX

Enter the number or letter of your selection:

- 1 Append a file to the floppy disk [save existing files]
- 2 Format a blank floppy disk [takes about TWO minutes]
- 3 List the contents of a floppy disk
- 4 Read a file from the floppy disk
- 5 Write a file to the floppy disk [delete existing files]
- 0 BACK to previous menu

Enter name of file to write $(1 \sim 72 \text{ chars} =)$: CNTL: flpwrite ADVS:

F2=TOP F3=RPRT F4=ADVS F5=HIST F1 = REFR

PROCEDURE

- To write a file to floppy disk:
- --Type 5.
- --Observe following prompt appears:

Enter name of file to write $(1 \sim 72 \text{ chars = })$:

- Or, to write a file to floppy disk:
- --Type flpw (file name)
- --Press <RETURN>.

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MISCELLANEOUS USER INTERPACE UTILITIES PROCEDURES

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	×	umber or letter of your selection:	es sce Utilities	menu			F2=TOP F3=RPRT F4=ADVS F5=HIST
DISPLAY	Display is Utilities Menu ws1 Menu name is 'util'	Enter the number or letter of your selection:	Hipppy disk utilities Misc. User Interface Utilities Network utilities	4 UNIX utilities 0 BACK to previous menu			F1 = REFR
DESCRIPTION	MISC USER I/F UTILITIES PROCEDURES	Calls up miscellaneous user interface utilities menu from utilities menu.					
CHAPTER 4 GENERAL OPERATING	PROCEDURES	PROCEDURES	SECTION 2 USING THE MENUS PROCEDURES	SECTION 3 FUNCTION KEY DESCRIPTIONS	SECTION 4 LOGOFF PROCEDURES	SECTION S UTILITIES PROCEDURES	SECTION 6 HEALTH AND STAT PROCEDURES

- To call up miscellaneous user interface utilities menu from utilities menu:
- --Type 2.
- --Observe miscellaneous user interface utilities menu appears.

DESCRIPTION

 MISC USER I/F UTILITIES PROCEDURES (Cont.) Miscellaneous user interface utilities menu.

DISPLAY

Display is User Interface Utilities Menu GMT XXX:XX:XX:XX vys1 Menu name is 'uif'

Enter the number or letter of your selection:

1 Display the local TTY user's account

2 Identify the remote TTY user's account

3 Load an additional command set

4 Perform commands in a batch file5 Restart the User Interface

6 Show the local TTY security level

7 Verify the remote TTY security level

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

• (None).

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DISPLAY LOCAL TTY USER ACCOUNT PROCEDURE

DESCRIPTION

 DISPLAY LOCAL TTY USER ACCOUNT PROCEDURE Displays account number of user on local VDT.

SECTION 2 USING THE MENUS PROCEDURES

SECTION 1 LOGON PROCEDURES SECTION 3 FUNCTION KEY DESCRIPTIONS

SECTION 4 LOGOFF PROCEDURES SECTION 5 UTILITIES PROCEDURES

DISPLAY

Display is User Interface Utilities Menu GMT XXX:XX:XX:XX ws1 Menu name is 'uif'

Enter the number or letter of your selection:

1 Display the local TTY user's account

2 Identify the remote TTY user's account3 Load an additional command set

Perform commands in a batch file

5 Restart the User Interface

6 Show the local TTY security level

7 Verify the remote TTY security level

0 BACK to previous menu

ADVS:

CNTL: user

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

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To display local user account:

--Type 1.

--Observe user account number appears.

Or, to display local user account:

--Type user.

--Press <RETURN>.

-- Observe user account number appears.

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IDENTIFY REMOTE 1TY USER ACCOUNT PROCEDURE

GMT XXX:XX:XX

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST 2 Identify the remote TTY user's account 7 Verify the remote TTY security level Enter the number or letter of your selection: 1 Display the local TTY user's account 4 Perform commands in a batch file 3 Load an additional command set 6 Show the local TTY security level Restart the User Interface 0 BACK to previous menu Display is User Interface Utilities Menu Menu name is 'uif' F1 = REFR CNTL: rttyuser DISPLAY ADVS: ws1 IDENTIFY REMOTE TTY USER ACCOUNT Displays account number of user on remote VDT. PROCEDURE DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6 HEALTH AND STAT PROCEDURES CHAPTER4 GENERAL OPERATING PROCEDURES SECTION 3 FUNCTION KEY DESCRIPTIONS SECTION 1 LOGON PROCEDURES SECTION 4 LOGOFF PROCEDURES SECTION S UTILITIES PROCEDURES

- To display remote user account:
- --Type 2.
- -- Observe user account number appears.
- Or, to display remote user account:
- --Type rttyu.
- -- Press <RETURN>.
- -- Observe user account number appears.

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LOAD ADDITIONAL COMMAND SET PROCEDURE

GMT XXX:XX:XX

F3 = RPRT F4 = ADVS F5 = HIST 2 Identify the remote TTY user's account Enter the number or letter of your selection: 7 Verify the remote TTY security level 1 Display the local TTY user's account 4 Perform commands in a batch file 3 Load an additional command set Show the local TTY security level Restart the User Interface 0 BACK to previous menu Enter name of command set to load $(1 \sim 72 \text{ chars} =)$: Display is User Interface Utilities Menu F2 = TOPMenu name is 'uif' F1 = REFR CNTL: Idemds DISPLAY ADVS: ws1 LOAD ADDDITIONAL COMMAND SET Loads additional command set. PROCEDURE DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To load command set:
- --Type 3.
- --Observe following prompt appears:

Enter name of command set to load (1~72 chars =):

- -Type (command set name).
- -- Press <RETURN>.

- Or, to load command set:
- --Type Idc (command set name).
 - -- Press <RETURN>.

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PERFORM COMMANDS IN BATCH FILE PROCEDURE

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DESCRIPTION

PERFORM COMMANDS IN BATCH FILE PROCEDURE

Runs a user-generated batch file.

A batch file contains a list of commands in order in which commands are to be performed.

DISPLAY

GMT XXX:XX:XX Display is User Interface Utilities Menu Menu name is 'uif'

Enter the number or letter of your selection:

1 Display the local TTY user's account

2 Identify the remote TTY user's account

4 Perform commands in a batch file

3 Load an additional command set

6 Show the local TTY security level

5 Restart the User Interface

7 Verify the remote TTY security level

0 BACK to previous menu

Enter name of batch file $(1 \sim 72 \text{ chars} =)$: **ADVS**:

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST F1 = REFR CNTL. perform

PROCEDURE

To run batch file:

--Type $\underline{4}$.

-- Observe following prompt appears:

Enter name of batch file (1~72 chars =):

--Type (file name).

--Press <RETURN>.

Or, to run a batch file:

--Type per (file name).

--Press <RETURN>.

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RESTART USER INTERPACE PROCEDURE

SMT XXX:XX:XX F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST 2 Identify the remote TTY user's account 7 Verify the remote TTY security level Enter the number or letter of your selection: 1 Display the local TTY user's account 4 Perform commands in a batch file 3 Load an additional command set 6 Show the local TTY security level Press <RETURN> to restart, <ESC> to ignore (0~2 chars =): Restart the User Interface 0 BACK to previous menu Display is User Interface Utilities Menu To ignore restart command: Menu name is 'uif' CNTL: unfrestart --Press <ESC>. DISPLAY ws1 ADVS: RESTART USER INTERFACE PROCEDURE Press <RETURN> to restart, <ESC> to ignore (0 \sim 2 chars =): Restarts user interface. -- Observe following prompt appears: To restart user interface: DESCRIPTION --Type $\overline{5}$. PROCEDURE SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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--Press <RETURN>.

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SHOW LOCAL TTY SECURITY LEVEL PROCEDURE

GMT XXX:XX:XX

2 Identify the remote TTY user's account 7 Verify the remote TTY security level Enter the number or letter of your selection: 1 Display the local TTY user's account FI = REFR F2 = TOP F3 = RPRT F4 = ADVS 4 Perform commands in a batch file 3 Load an additional command set 6 Show the local TTY security level 5 Restart the User Interface 0 BACK to previous menu Display is User Interface Utilities Menu Menu name is 'uif' CNTL: level DISPLAY ADVS: wsj Displays security level of user on local VDT. SHOW LOCAL TTY SECURITY LEVEL PROCEDURE DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To show local security level:
- --Type 6.
- --Observe local security level appears on screen.
- Or, to show local security level:

F5 = HIST

- --Type level.
- --Press <RETURN>.
- --Observe local security level appears on screen.

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VERIFY REMOTE TTY SECURITY LEVEL PROCEDURE

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VERIFY REMOTE TTY SECURITY LEVEL DESCRIPTION CHAPTER 4
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PROCEDURE

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Displays security level of user on remote VDT.

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DISPLAY

GMT XXX:XX:XX Display is User Interface Utilities Menu Menu name is 'uif'

Enter the number or letter of your selection:

1 Display the local TTY user's account

2 Identify the remote TTY user's account

Perform commands in a batch file

3 Load an additional command set

6 Show the local TTY security level Restart the User Interface

7 Verify the remote TTY security level

BACK to previous menu

ADVS:

CNTL: rttylevel

F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST

PROCEDURE

- To show remote security level:
- --Type $\overline{2}$.
- --Observe remote security level appears on screen.
- Or, to show remote security level:
- --Type rttyl.
- -- Press <RETURN>.
- --Observe remote security level appears on screen.

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NETWORK UTILITIES PROCEDURES

	GMT XXX:XX:XX	nber or letter of your selection:	s e Utilities		menu				RT F4 = ADVS F5 = HIST
DISPLAY	Display is Utilities Menu ws1 Meriu name is 'util'	Enter the number or letter of your selection:	1 Hoppy disk utilities 2 Misc. User Interface Utilities	. 4 UNIX utilities	0 BACK to previous menu			ADVS:	CNIL: F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST
DESCRIPTION	NETWORK UTILITIES PROCEDURES	Calls up network utilities menu from utilities -							
CHAPTER 4 GENERAL	OPERATING	SECTION 1 LOGON PROCEDURES	SECTION 2 USING THE MENUS PROCEDURES	SECTION 3	DESCRIPTIONS	SECTION 4 LOGOFF PROCEDURES	SECTION 5 UTILITIES PROCEDURES	SECTION 6 HEALTH AND STAT PROCEDURES	

PROCEDURE

- To call up network utilities menu from utilities menu:
- --Type $\underline{3}$.
- -- Observe network utilities menu appears.

DESCRIPTION

NETWORK PROCEDURES (Cont.)

Network utilities menu.

DISPLAY

GMT XXX:XX:XX Display is Network Utilities Menuws1 Menu name is 'net'

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Enter the number or letter of your selection:

1 Copy a file from another computer

2 Send a file to another computer

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0 BACK to previous menu

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST F1 = REFR

ADVS: CNTL:

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PROCEDURE

• (None).

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COPY FILE FROM ANOTHER COMPUTER PROCEDURE

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GMT XXX:XX:XX F2=TOP F3=RPRT F4=ADVS F5=HIST Enter the number or letter of your selection: 1 Copy a file from another computer 2 Send a file to another computer Enter computer:/pathname/file name (1~72 chars =): 0 BACK to previous menu Display is Network Utilities Menu Menu name is 'net' F1 = REFR CNTL: rcopy DISPLAY ADVS: ws1 COPY FILE FROM ANOTHER COMPUTER Copies files from a remote workstation. PROCEDURE DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To copy file from a remote workstation:
- --Type 1.
- --Observe following prompt appears:

Enter computer:/pathname/file name (1~72 chars =):

--Type (computer)/(pathname)/(file name).

--Press <RETURN>.

--Observe following prompt appears:

Enter target pathname/file name on this computer (1~72 chars =):

--Type (pathname)/(file name).

--Press <RETURN>.

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SEND FILE TO ANOTHER COMPUTER PROCEDURE

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THE ALT

DISPLAY

bisplay is Network Utilities Menu
ws1
Menu name is 'net'

Enter the number or letter of your selection:
1 Copy a file from another computer
2 Send a file to another computer
0 BACK to previous menu

ADVS:
Enter name of file to send (1~72 chars =):
CNTL. rsend
F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To send a file:
- --Type 2.
- --Observe following prompt appears:

Enter name of file to send $(1 \sim 72 \text{ chars} =)$:

- -- Type (file name).
- -- Press <RETURN>.

--Observe following prompt appears:

Enter computer and file name [e.g. ws2:/cas/reports/SAMPLE] (1 \sim 72 chars =):

- --Type (computer)/(pathname)/(file name).
- --Press <RETURN>.

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UNIX UTILITIES PROCEDURES

DISPLAY	Display is Utilities Menu GMT XXX:XX:XX:XX ws1 Menu name is 'util'	Ente	1 Floppy disk utilities 2 Misc User Interface Utilities	5 Network Utilities 4 UNIX utilities	0 BACK to previous menu	-		ADVS:	CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST
DESCRIPTION	 UNIX UTILITIES PROCEDURES 	Calls up UNIX utilities menu from utilities menu.							
CHAPTER 4 GENERAL	OPERATING	SECTION 1 LOGON PROCEDURES	SECTION 2 USING THE MENUS PROCEDURES	SECTION 3	DESCRIPTIONS	SECTION 4 LOGOFF PROCEDURES	SECTION S UTILITIES PROCEDURES	SECTION 6 HEALTH AND STAT	PROCEDURES

PROCEDURE

- To call up UNIX utilities menu from utilities menu:
 - --Type 4.
- --Observe UNIX utilities menu appears.

DESCRIPTION

 UNIX UTILITIES PROCEDURES (Cont.) UNIX utilities menu.

DISPLAY

Display is UNIX Utilities Menu ws1 Menu name is 'unix'

Enter the number or letter of your selection:

1 Copy a file to another location

2 Delete a file from the disk

3 List the names of files in a directory

5 Print an entire file on the local printer

4 Move a file to another location

6 Rename a file on the disk

7 Selectively print part of a file on the local printer

8 View a file on the terminal

0 BACK to previous menu

ADVS:

CNTL:

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST F1 = REFR

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GMT XXX:XX:XX

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PROCEDURE

• (None).

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COPY FILE TO ANOTHER LOCATION PROCEDURE

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DESCRIPTION

COPY FILE TO ANOTHER LOCATION PROCEDURE

Copies files to another file location.

DISPLAY

Display is UNIX Utilities Menu Menu name is 'unix' ws.

GMT XXX:XX:XX

Enter the number or letter of your selection:

1 Copy a file to another location

3 List the names of files in a directory

2 Delete a file from the disk

4 Move a file to another location

Print an entire file on the local printer

Rename a file on the disk

7 Selectively print part of a file on the local printer

8 View a file on the terminal

0 BACK to previous menu

Enter current file name $(1 \sim 72 \text{ chars} =)$: CNTL: copy ADVS:

F3 = RPRT F4 = ADVS F5 = HIST F2 = TOPF1 = REFR

PROCEDURE

To copy file:

--Type 1.

--Observe following prompt appears:

Enter current file name (1~72 chars =):

-- Type (file name).

-- Press <RETURN>.

--Observe following prompt appears:

Enter new file name $(1 \sim 72 \text{ chars} = .)$:

--Type (file name).

--Press <RETURN>.

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DELETE A FILE PROM DISK PROCEDURE

DESCRIPTION

DELETE A FILE FROM DISK PROCEDURE

Deletes a file from hard disk.

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DISPLAY

Display is UNIX Utilities Menu Menu name is 'unix'

ws1

GMT XXX:XX:XX

Enter the number or letter of your selection:

1 Copy a file to another location

Delete a file from the disk

3 List the names of files in a directory

4 Move a file to another location

Print an entire file on the local printer

6 Rename a file on the disk

Selectively print part of a file on the local printer 8 View a file on the terminal

0 BACK to previous menu

ADVS:

Enter name of file to delete $(1 \sim 72 \text{ chars} = .)$:

CNTL: delete

F2=TOP F3=RPRT F4=ADVS F5=HIST F1 = REFR

PROCEDURE

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To delete a file:

--Type 2.

-- Observe following prompt appears:

Enter name of file to delete $(1 \sim 72 \text{ chars} = .)$:

--Type (file name).

--Press <RETURN>.

--Observe following prompt appears:

Press <RETURN> to delete, <ESC> to ignore (0~1 chars =):

-- Press <RETURN>.

To ignore delete command:

--Press <ESC>.

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LIST FILES IN DIRECTORY PROCEDURE

SMI XXX:XX:XX

7 Selectively print part of a file on the local printer F2 = 10P F3 = RPRT F4 = ADVS F5 = HIST Print an entire file on the local printer Enter the number or letter of your selection: 3 List the names of files in a directory 4 Move a file to another location 1 Copy a file to another location View a file on the terminal 2 Delete a file from the disk Rename a file on the disk BACK to previous menu Enter name of directory to list (1~72 chars = .): Display is UNIX Utilities Menu Menu name is 'unix' F1 = REFR CNTL. directory DISPLAY ADVS. ws1 LIST FILES IN DIRECTORY PROCEDURE Displays list of files under a specified directory. DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To list files in a directory:
- --Type 3.
- -- Observe following prompt appears:
- Enter name of directory to list $(1 \sim 72 \text{ chars} = .)$:
- --Type (directory name).
- --Press <RETURN>.
- -Observe directory listing appears.

- Or, to list files in a directory:
- -- Type dir (directory name).
 - --Press <RETURN>.
- -- Observe directory listing appears.

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MOVE FILE TO ANOTHER LOCATION PROCEDURE

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MOVE FILE TO ANOTHER LOCATION PROCEDURE

Moves file to another location.

DISPLAY

GMT XXX:XX:XX Selectively print part of a file on the local printer F3 = RPRT F4 = ADVS F5 = HIST Print an entire file on the local printer Enter the number or letter of your selection: 3 List the names of files in a directory 4 Move a file to another location 1 Copy a file to another location View a file on the terminal 2 Delete a file from the disk Rename a file on the disk BACK to previous menu Enter current file name $(1 \sim 72 \text{ chars} =)$: F2 = TOP Display is UNIX Utilities Menu Menu name is 'unix' F1 = REFR CNTL: move ADVS:

PROCEDURE

- To move file to another location:
- --Type 4.
- Enter current file name (1~72 chars =): -- Observe following prompt appears:
- --Type (file name).
- --Press <RETURN>.

- --Observe following prompt appears:
- Enter destination file name $(1 \sim 72 \text{ chars} = .)$:
- --Type (file name). --Press <RETURN>.
- Or, to move file to another location:
- -- Type move (current file name) (destination file name)
- --Press <RETURN>.

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PRINT ENTIRE PILE PROCEDURE

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PRINT ENTIRE FILE PROCEDURE

Sends an entire file to local printer for printing.

DESCRIPTION

Menu name is 'unix' ws.

DISPLAY

Display is UNIX Utilities Menu

GMT XXX:XX:XX

Enter the number or letter of your selection:

1 Copy a file to another location

2 Delete a file from the disk

3 List the names of files in a directory

5 Print an entire file on the local printer

4 Move a file to another location

6 Rename a file on the disk

7 Selectively print part of a file on the local printer

View a file on the terminal

BACK to previous menu

Enter name of file to print (1-72 chars =): ADVS

CNTL: print

F2=TOP F3=RPRT F4=ADVS F5=HIST F1 = REFR

PROCEDURE

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To print entire file:

--Type 5.

--Observe following prompt appears:

Enter name of file to print $(1 \sim 72 \text{ chars = })$:

--Type (file name).

-- Press <RETURN>.

Or, to print entire file:

-- Type print (file name).

--Press <RETURN>.

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RENAME A FILE PROCEDURE

GMT XXX:XX:XX

7 Selectively print part of a file on the local printer F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST Print an entire file on the local printer Enter the number or letter of your selection: 3 List the names of files in a directory 4 Move a file to another location 1 Copy a file to another location 8 View a file on the terminal 2 Delete a file from the disk Rename a file on the disk 0 BACK to previous menu Enter current file name $(1 \sim 72 \text{ chars} =)$: Display is UNIX Utilities Menu Menu name is unix F1 = REFR CNTL: rename DISPLAY ADVS: ws1 Changes name of specified file on hard disk. RENAME A FILE PROCEDURE DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To rename file:
- --Type 6.
- Enter current file name $(1\sim72 \text{ chars} =)$: -- Observe following prompt appears:
- -- Type (file name).
- --Press <RETURN>.

- -- Observe following prompt appears:
- --Type (file name)

Enter new file name $(1 \sim 72 \text{ chars} =)$:

- -- Press <RETURN>.
- Or, to rename file:

•

- --Type.ren (current file name) (new file name).
- --Press <RETURN>.

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PRINT PART OF A FILE PROCEDURE

GMT XXX:XX:XX

Selectively print part of a file on the local printer F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST Print an entire file on the local printer Enter the number or letter of your selection: List the names of files in a directory Move a file to another location I Copy a file to another location View a file on the terminal Delete a file from the disk Rename a file on the disk 0 BACK to previous menu Enter name of file to print $(1 \sim 72 \text{ chars} =)$: **Display is UNIX Utilities Menu** Mènu name is 'unix' F1 = REFR CNTL. sprint DISPLAY ADVS: wsl File name of file to print must contain PRINT PART OF A FILE PROCEDURE Prints selected portion of file. path name. COMMENT: DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To print part of a file:
 - --Type 7.
- Enter name of file to print $(1 \sim 72 \text{ chars} =)$: --Observe following prompt appears:
- --Type (file name).
- -- Press <RETURN>.

- --Observe following prompt appears:
- Enter starting line number $(1 \sim 5 \text{ chars} =)$:

--Type (starting line number).

- --Press <RETURN>.
- Enter ending line number $(1 \sim 5 \text{ chars = })$: --Observe following prompt appears:
- --Type (ending line number)
- -- Press <RETURN>.

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VIEW A FILE PROCEDURE

GMT XXX:XX:XX

7 Selectively print part of a file on the local printer F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST 5 Print an entire file on the local printer Enter the number or letter of your selection: 3 List the names of files in a directory Move a file to another location 1 Copy a file to another location 8 View a file on the terminal 2 Delete a file from the disk Rename a file on the disk 0 BACK to previous menu Enter name of file to view $(0 \sim 72 \text{ chars} =)$: Display is UNIX Utilities Menu Menu name is 'unix' F1 = REFR CNTL: view DISPLAY ADVS: ws1 File name of file to view must contain Brings a selected file to screen. VIEW A FILE PROCEDURE path name. COMMENT: DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To view a file:
- --Type 8.
- -- Observe following prompt appears:

Enter name of file to view (0~72 chars =):

- -- Type (file name).
- -- Press <RETURN>.
- -- Observe selected file appears on screen.

Or, to view a file:

- --Type v (file name)
 - -- Press <RETURN>.
- -- Observe selected file appears on screen.

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CALLING UP HEALTH AND STATUS PROCEDURE

CHAPTER 4 GENERAL	DESCRIPTION	DISPLAY	
OPERATING	 CALLING UP HEALTH AND STATUS PROCEDURE 	Display is Workstation Master Menu ws1 Menu name is 'master'	GMT XXX:XX:XX
LOGON LOGON PROCEDURES	Calls up health and status menu.	Enter the number or letter of your selection:	of your selection:
SECTION 2 USING THE MENUS		1 Real time support 2 Health and status	port atus
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A MOLLON		6 Checkout Software	tware
LOGOFF PROCEDURES		7 Utilities	
SECTION S UTILITIES PROCEDURES			
SECTION 6 HEALTH AND STAT		ADVS.	
CHOCHON		CNTL: F1=REFR F2=TOP F3=RPRT F4=ADVS	1T F4 = ADVS F5 = HIST

PROCEDURE

- To call up health and status menu:
- --Type <u>2</u>.
- -- Observe health and status menu appears.

DESCRIPTION

• CALLING UP HEALTH AND STATUS PROCEDURE (Cont.)

Health and status menu lists reports available for checking status of CAS.

DISPLAY

Display is Workstation Health and Status Menuws1 Menu name is 'hs'

Enter the number or letter of your selection:

1 Application Report

2 Interface Report

3 Log Report

4 Overall Report

5 Send Central Status and Control

6 Restart Health and Status

0 BACK to previous menu

ADVS:

CN1L:

F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST

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GMT XXX:XX:XX

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• (None)

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GENERAL REPORT PROCEDURES

...

CHAPTER 4 DESCRIPTION
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GENERAL REPORT PROCEDURES

SECTION 1 LOGON PROCEDURES

Calls up health and status reports.

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DISPLAY

Display is Workstation Health and Status Menu GMT XXX:XX:XX:XX ws1 Menu name is 'hs'

Enter the number or letter of your selection:

1 Application Report

2 Interface Report

3 Log Report

4 Overall Report

Send Central Status and Control

Restart Health and Status

0 BACK to previous menu

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

ADVS:

PROCEDURE

To call up interface, log, or overall report:

--Type (menu number of report).

-- Observe F3 = RPRT illuminates.

--Press <F3>.

-- Observe selected report appears.

EXAMPLE:

To call up interface report:

--Type $\underline{2}$.

--Observe F3 = RPRT illuminates.

--Press <F3>.

-- Observe interface report appears.

PROCEDURE (Cont.)

- To call up application report:
- --Type 1.
- -- Observe following prompt appears:

Enter APPLICATION (1~15 chars =):

- --Type (application name).
- --Press <RETURN>.
- -- Observe F3 = RPRT illuminates.
- --Press <F3>.
- -- Observe application report appears.

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DESCRIPTION

GENERAL REPORT PROCEDURES (Cont.)

contain overall health codes and data quality Health and data quality codes. Reports codes to indicate health and status.

Tables on next page define data quality and health codes used in reports.

DISPLAY

	CAS ws1 APPLI	CAS ws1 APPLICATION SUMMARY REPORT		
Application Nam Startug Time	Agglication Name: Support Startup Elme : 063:20:41:51	Overall health:	nealth: GOOD #Reyd: 063:20:47:07	47:07
Flight ID: 41-E Data tag. Strom Reported: 3 Urgent	Data tag. RT 3 Urgent	Data Quality: OK		
interfaces Reported HSMSG	ted Logging	: Chabled		
ADVS:				
ENTL	F1 = REFR F2	Kartop Farefort FA:	FILEPRI FALLADVS 65+HST	

PROCEDURE

• (None)

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DATA QUALITY CODES	DEFINITION	All data values in data stream are well within accepted limits.	Data values in data stream are within accepted limits.	Data values in data stream are exceeding limits, but most data values are acceptable.	Too many data values in data stream are exceeding limits.	Data stream paused due to normal loss of signal.
DATA	соре	GOOD	УО	MARGINAL	UNACCEPT- ABLE	SOT

НЕ	HEALTH CODES
CODE	DEFINITION
G005	Health is good with no reported problems.
УО	Health is good with few reported problems.
MARGINAL	Able to function but there are problems with one or more applications.
TRANSITION	Initialization message sent to CSAC but first status message has not been received.
FAILURE	All applications have failed or status message was not received within timeout period.
UNKNOWN	Status message not received within timeout period and no response to request for status.

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APPLICATION REPORT

DESCRIPTION

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APPLICATION REPORT

Displays status of selected application.

Application Name: Support Startup Time : 063:20:41:51 Startup Time

Overall Health: Last Status Rcvd:

CAS ws1 APPLICATION SUMMARY REPORT

063:20:47:07

G005

GMT XXX:XX:XX

Display is report/cas/reports/APPLICATION_REPORT

DISPLAY

Top line on screen is line 1

ws1

Data Quality: OK

Data tag: RT Flight ID: 61-E

0 Nominal 3 Urgent Errors Reported:

Interfaces Reported: HS_MSG

Logging

Enabled

ADVS: CNTL:

F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST F1 = REFR

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To call up application report:

--Type 1.

--Observe following prompt appears:

Enter APPLICATION (1~15 chars =):

--Type (application name).

-- Press <RETURN>.

--Observe F3 = RPRT illuminates.

--Press <F3>.

-- Observe application report appears.

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INTERPACE REPORT

GMT XXX:XX:XX

G005

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST Overall Health: CAS ndd1 INTERFACE SUMMARY REPORT Display is report '/cas/reports/INTERFACE__REPORT' Logging : Enabled Top line on screen is line 1 Application Name: Support HS_MSG Logging DISPLAY ndd1 ADVS: CNTL Displays status of interface applications. INTERFACE REPORT DESCRIPTION SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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PROCEDURE

- To call up interface report:
- --Type $\underline{2}$.
- -- Observe F3 = RPRT illuminates.
- --Press <F3>.
- -- Observe interface report appears.

SECTION 1 LOGON PROCEDURES SECTION 2 USING THE MENUS PROCEDURES

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LOG REPORT

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DISCIPLIAN
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SECTI

DISPLAY

Display is report '/cas/reports/LOGGiNG_REPORT'

GAS ndd1 LOGGING SUMMARY REPORT

CAS ndd1 LOGGING SUMMARY REPORT

Application Name: Support

HS_MSG Logging: Enabled

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

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HEALTH AND STAT
PROCEDURES

SECTION 4 LOGOFF PROCEDURES SECTION 5 UTLITIES PROCEDURES

- To call up log report:
- --Type $\underline{3}$.
- -- Observe F3 = RPRT illuminates.
- --Press <F3>.
- --Observe log report appears.

SECTION 1 LOGON 11 SECTION 2 USING THE MENUS PROCEDURES

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OVERALL REPORT

SECTION 5 UTILITIES PROCEDURES

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A E	CHAPTER 4 I GENERAL OPFRATING	DESCRIPTION	PTION	DISPLAY	
A PROCEDURES	EDURES	•	OVERALL REPORT	Display is report '/cas/reports/OVERALL_REPORT' GMT XXX:XX:XX ws1 Top line on screen is line 1	×××
**	SECTION 1 LOGON PROCEDURES	□ 3	Displays overall health and status of CAS workstation or NDD.	CAS ws1 OVERALL SUMMARY REPORT	# #
SENCO	SECTION 2 USING THE MENUS			f Active	00
PRO	PROCEDURES			Free:	00.
FUNC	SECTION 3 FUNCTION KEY DESCRIPTIONS			support Overall Health: GOOD No. of Active Processes: 5 Fit 1 Data Quality: OK Fit 2 Data Quality: OK 5tartup Time: 063:20:41.51 Last Status Rcvd: 063:20:47:37	0:47:37
SE	SECTION 4 LOGOFF PROCEDURES				-
S O O	SECTION 5 UTILITIES PROCEDURES				-
SE HEALTI	SECTION 6 HEALTH AND STAT			ADV5:	f
PRO	PROCEDURES			CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST	
					Ì

PROCEDURE

- To call up overall report:
- --Type 4.
- --Observe F3 = RPRT illuminates.
- --Press <F3>.
- --Observe overall report appears.

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SECTION 1
1 LOGON
RROCEDURES

SECTION 2 USING THE MENUS PROCEDURES

SECTION 3 GUNCTION KEY , DESCRIPTIONS

SECTION 4 LOGOFF PROCEDURES

UTILITIES
PROCEDURES

PROCESS REPORT

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STATE OF STATE

DISPLAY	Display is report '/cas/reports/PROCESS_REPORT' GMT XXX:XX:XX:XX ws1 Top line on screen is line 1	CAS ws1 PROCESS SUMMARY REPORT	Appl. Name: support Overall Health: GOOD Start Time: 056:15:02:10	Processes Health Last Msg. Time Response Interval supervisor GOOD 056:15:02:12 900	GOOD 056:15:02:25	056:15:04:27 056:15:02:13	GOOD 056:15:04:20					ΔDVC		F1=REFR F2=TOP F3±RPRT F4=ADVS F5=HIST
DESCRIPTION	PROCESS REPORT Displace health and deting of poting properties.	Displays liealth and status of active p within an application.												32
CHAPTER 4 GENERAL OPERATING	PROCEDURES SECTION 1	LOGON PROCEDURES	SECTION	USING THE MENUS PROCEDURES		SECTION 3 FUNCTION KEY	COCULTIONS	SECTION 4	PROCEDURES	SECTION 5	PROCEDURES	SECTION 6	PROCEDURES	***

PROCEDURE

- To call up process report:
- --Type
- --Observe F3 = RPRT illuminates.
- --Press <F3>.
- --Observe process report appears.

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PROCEDURES 10-80 TE 1 7. The state of the s

SENDING CSAC MESSAGES PROCEDURE

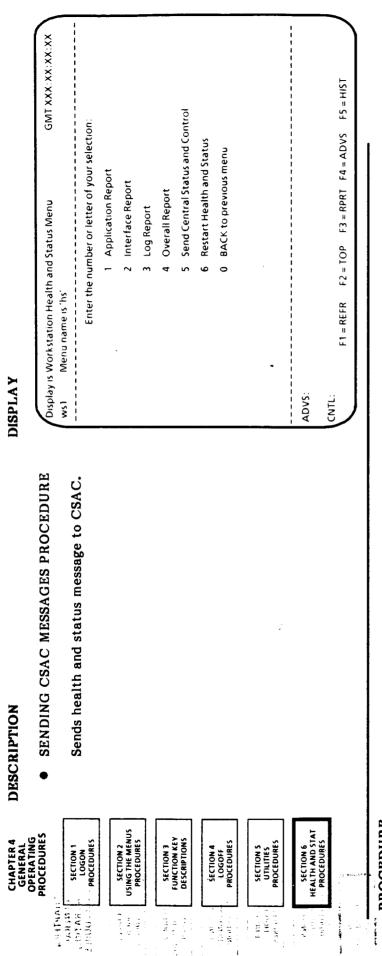
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PROCEDURE

To send health and status message to CSAC:

--Type 5.

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SECTION 1 LOGON PROCEDURES

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RESTARTING HEALTH AND STATUS PROCEDURE

SECTION 5 GTILITIES PROCEDURES

SECTION 6
HEALTH AND STAT

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Display is Workstation Health and Status Menu	GMT XXX:XX:XX
i 	/our selection:
1 Application Report	ort
2 Interface Report	
· 3 Log Report	
4 Overall Report	
5 Send Central Status and Control	atus and Control
6 Restart Health and Status	and Status
0 BACK to previous menu	us menu
ADVS:	
CNTL: F1=REFR F2=TOP F3=RPRT F4=ADVS F5=HIST	F4 = ADVS F5 = HIST
! ¼ K /	

PROCEDURE

- To restart health and status:
- --Type <u>6</u>.

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SECTION 2 USING THE MENUS PROCEDURES

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PAUSE AND RESUME PROCEDURES

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printed and the second second

STATE WERE SHOLEDPH 2 COCO# SECTION 1 , tCN 104 K-A COUNTRY LAC: Ji 20 1 € 7.5448 GMT XXX:XX:XX F3 = RPRT F4 = ADVS F5 = HIST S Send Central Status and Control Enter the number or letter of your selection: Restart Health and Status 4 Overall Report.... **BACK** to previous menu 1 Application Report 2 Interface Report Display is Workstation Health and Status Menu 3 Log Report F1 = REFR F2 = TOP 3 rophia acate alejo e 9 Menu name is 'hs' FOR COMM DISPLAY ADVS: CNTL: ws1 No messages are processed to screen during a Temporarily stops health and status process. PAUSE HEALTH AND STATUS PROCEDURE To pause health and status: DESCRIPTION pause. -- Press <RETURN>. 110 -- Type pau. PROCEDURE SECTION 2 USING THE MENUS PROCEDURES SECTION 6
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GENERAL
OPERATING
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	Display is Workstation Health and Status Menu GMT XXX:XX:XX:XX ws1 Menu name is 'hs'	Enter the number or letter of your selection: 1 Application Report 2 Interface Report 3 Log Report 4 Overall Report	~		FIREFR F2=TOP F3=RPRT F4=ADVS F5=HIST	Programme A	Modulation 1	Wanter of the second of the se
DESCRIPTION	RESUME HEALTH AND STATUS PROCEDURE ws1 M	Starts health and status process after a pause command was issued.			ADVS:	PROCEDURE	= -Type hresult and status: = -Type hresult and status: - Type hresult and status: - Type hresult and status: - Type hresult and status	CHARLES PARTIES AND SEALERS CHARLES CH

SECTION 1 LOGON PROCEDURES SECTION 2 USING THE MENUS PROCEDURES

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ENABLE AND DISABLE MUTE PROCEDURES

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OPERATING # SPROCEDURES	E PROCE	Display is Workstation Health and Status Menu GM+ 社交法技権が wst Menu name is 'hs'
LINITE SECTION 1 LOGON PROCEDURES	Enables mute.	i i
		1 Application Report
HOUSECTION A	A definition of the second of	2 Interface Report
PROCEDURES		3 Log Report
SECTION 3	The state of the s	4 Overall Report
FUNCTION KEY DESCRIPTIONS		5 Send Central Status and Control
2 2000		6 Restart Health and Status
LOGOFF	Security that the second secon	0 BACK to previous menu
PROCEDURES	parties.	
SECTION S	The state of the s	
PROCEDURES		
SECTION 6		ADVS:
HEALTH AND STAT		
Γ.		CNIL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST
Andready in the second Control of	2. 10. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17	
PROCEDURE		ł
• To enab	To enable mute:	
Type muten.	<u>muten.</u>	to diverse day se
Press	Press <return>.</return>	

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DISPLAY DISABLE MUTE PROCEDURE DESCRIPTION

Disables mute.

SECTION 2 USING THE MENUS PROCEDURES DAMESTAL DAMESTAL DAMESTAL DENERAL GENERAL OPERATING SECTION 3 FUNCTION KEY OF SCRIPTIONS LOGON 1 PROCEDURER SECTION 4 LOGOFF CONTAXXXXXXXX F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST 5 Send Central Status and Control Enter the number or letter of your selection: 6 Restart Health and Status 0 BACK to previous menu 1 Application Report 2 Interface Report 4 Overall Report Display is Workstation Health and Status Menuws1 Menuname is 'hs' 3 Log Report F1 = REFR ADVS: CNTL:

PROCEDURE

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- To disable mute:
- -- Type mutdis.
- --Press <RETURN>.

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